
UNITED STATES SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE
SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended April 1, 2006

Commission file number 0-21835

SUN HYDRAULICS CORPORATION

(Exact Name of Registration as Specified in its Charter)

FLORIDA

(State or Other Jurisdiction of
Incorporation or Organization)

59-2754337

(I.R.S. Employer
Identification No.)

1500 WEST UNIVERSITY PARKWAY
SARASOTA, FLORIDA

(Address of Principal Executive Offices)

34243

(Zip Code)

941/362-1200

(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the Registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the Registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes
No

The Registrant had 10,937,924 shares of common stock, par value \$.001, outstanding as of April 28, 2006.

Sun Hydraulics Corporation
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For the quarter ended April 1, 2006

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PART I: FINANCIAL INFORMATION

Item 1.

Sun Hydraulics Corporation
Consolidated Balance Sheets
(in thousands, except share data)

	April 1, 2006 (unaudited)	December 31, 2005
Assets		
Current assets:		
Cash and cash equivalents	\$ 7,341	\$ 5,417
Restricted cash	52	413
Accounts receivable, net of allowance for doubtful accounts of \$98 and \$110	13,629	10,975
Inventories	8,592	7,870
Income taxes receivable	—	236
Deferred income taxes	782	782
Other current assets	1,065	864
Total current assets	31,461	26,557
Property, plant and equipment, net	46,061	45,181
Other assets	1,831	1,823
Total assets	\$ 79,353	\$ 73,561
Liabilities and shareholders' equity		
Current liabilities:		
Accounts payable	\$ 3,637	\$ 4,822
Accrued expenses and other liabilities	3,437	3,857
Long-term debt due within one year	391	398
Dividends payable	1,093	1,089
Income taxes payable	1,362	—
Total current liabilities	9,920	10,166
Long-term debt due after one year	3,348	1,986
Deferred income taxes	4,687	4,688
Other noncurrent liabilities	277	281
Total liabilities	18,232	17,121
Commitments and contingencies	—	—
Shareholders' equity:		
Preferred stock, 2,000,000 shares authorized, par value \$0.001, no shares outstanding	—	—
Common stock, 20,000,000 shares authorized, par value \$0.001, 10,933,780 and 10,893,421 shares outstanding	11	11
Capital in excess of par value	32,594	32,466
Unearned compensation related to outstanding restricted stock	—	(741)
Retained earnings	26,492	23,406
Accumulated other comprehensive income	2,024	1,647
Treasury stock	—	(349)
Total shareholders' equity	61,121	56,440
Total liabilities and shareholders' equity	\$ 79,353	\$ 73,561

The accompanying Notes to the Consolidated, Unaudited Financial Statements are an integral part of these financial statements.

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Sun Hydraulics Corporation
Consolidated Statements of Operations
(in thousands, except per share data)

	Three months ended	
	April 1, 2006 (unaudited)	April 2, 2005 (unaudited)
Net sales	\$ 34,185	\$ 29,079
Cost of sales	23,204	19,326
Gross profit	10,981	9,753
Selling, engineering and administrative expenses	4,671	4,220
Operating income	6,310	5,533
Interest expense	70	136
Foreign currency transaction gain	(41)	(105)
Miscellaneous expense/(income), net	28	(16)
Income before income taxes	6,253	5,518
Income tax provision	2,073	2,052
Net income	\$ 4,180	\$ 3,466
Basic net income per common share	\$ 0.38	\$ 0.33
Weighted average basic shares outstanding	10,932	10,632
Diluted net income per common share	\$ 0.38	\$ 0.32
Weighted average diluted shares outstanding	11,001	10,724
Dividends declared per share	\$ 0.100	\$ 0.050

The accompanying Notes to the Consolidated, Unaudited Financial Statements are an integral part of these financial statements.

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Sun Hydraulics Corporation
Consolidated Statement of Changes in Shareholders' Equity and Comprehensive Income (unaudited)

(in thousands)

	Preferred shares	Preferred stock	Common shares	Common stock	Capital in excess of par value	Unearned compensation related to restricted stock	Retained earnings	Accumulated other comprehensive income	Treasury stock	Total
Balance, December 31, 2005	—	\$ —	10,893	\$ 11	\$ 32,466	\$ (741)	\$23,406	\$ 1,647	\$ (349)	\$56,440
Adjustment of unearned compensation, restricted stock					(741)	741				—
Shares issued, stock options			10		49					49
Shares issued, ESPP			3		50					50
Shares issued, ESOP			58		1,180					1,180
Purchase and retirement of treasury stock			(30)		(593)				349	(244)
Stock-based compensation					152					152
Stock option income tax benefit					31					31
Dividends declared							(1,094)			(1,094)
Comprehensive income:										
Net income							4,180			4,180
Foreign currency translation adjustments								377		377
Comprehensive income										4,557
Balance, April 1, 2006	—	\$ —	10,934	\$ 11	\$ 32,594	\$ —	\$26,492	\$ 2,024	\$ —	\$61,121

The accompanying Notes to the Consolidated, Unaudited Financial Statements are an integral part of this financial statement.

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Consolidated Statements of Cash Flows
(in thousands)

	Three months ended	
	April 1, 2006 (unaudited)	April 2, 2005 (unaudited)
Cash flows from operating activities:		
Net income	\$ 4,180	\$ 3,466
Adjustments to reconcile net income to net cash provided by operating activities:		
Depreciation and amortization	1,437	1,390
Loss (gain) on disposal of assets	26	(1)
Provision for deferred income taxes	(1)	3
Allowance for doubtful accounts	(12)	(29)
Stock-based compensation expense	152	81
Stock options income tax benefit	(31)	—
(Increase) decrease in:		
Accounts receivable	(2,642)	(3,366)
Inventories	(722)	(754)
Income taxes receivable	236	—
Other current assets	(201)	(315)
Other assets	(16)	(19)
Increase (decrease) in:		
Accounts payable	(1,185)	614
Accrued expenses and other liabilities	760	526
Taxes payable	1,393	79
Other liabilities	(4)	(5)
Net cash provided by operating activities	3,370	1,670
Cash flows from investing activities:		
Capital expenditures	(1,965)	(1,538)
Proceeds from dispositions of equipment	2	1
Net cash used in investing activities	(1,963)	(1,537)
Cash flows from financing activities:		
Proceeds from debt	1,500	—
Repayment of debt	(145)	(371)
Proceeds from exercise of stock options	49	2,056
Proceeds from stock issued	50	32
Payments for purchase of treasury stock	(244)	(27)
Dividends to shareholders	(1,089)	(522)
Stock options income tax benefit	31	—
Net cash provided by financing activities	152	1,168
Effect of exchange rate changes on cash and cash equivalents	4	116
Net increase in cash and cash equivalents	1,563	1,417
Cash and cash equivalents, beginning of period	5,830	9,762
Cash and cash equivalents, end of period	\$ 7,393	\$ 11,179
Supplemental disclosure of cash flow information:		
Cash paid:		
Interest	\$ 70	\$ 136
Income taxes	\$ 476	\$ 2,488
Supplemental disclosure of noncash transactions:		
Common stock issued to ESOP through accrued expenses and other liabilities	\$ 1,180	\$ 1,058

The accompanying Notes to the Consolidated, Unaudited Financial Statements are an integral part of these financial statements.

SUN HYDRAULICS CORPORATION
NOTES TO THE CONSOLIDATED, UNAUDITED FINANCIAL STATEMENTS
(Dollars in thousands except per share data)

1. BASIS OF PRESENTATION AND SUMMARY OF BUSINESS

Sun Hydraulics Corporation, and its wholly-owned subsidiaries and joint ventures, design, manufacture, and sell screw-in cartridge valves and manifolds used in hydraulic systems. The Company has facilities in the United States, the United Kingdom, Germany, Korea, France, and China. Sun Hydraulics Corporation ("Sun Hydraulics"), with its main offices located in Sarasota, Florida, designs, manufactures, and sells primarily through distributors. Sun Hydraulik Holdings Limited ("Sun Holdings"), a wholly-owned subsidiary of Sun Hydraulics, was formed to provide a holding company for the European market operations; its wholly-owned subsidiaries are Sun Hydraulics Limited (a British corporation, "Sun Ltd.") and Sun Hydraulik GmbH (a German corporation, "Sun GmbH"). Sun Ltd. operates a manufacturing and distribution facility located in Coventry, England, and Sun GmbH operates a manufacturing and distribution facility located in Erkelenz, Germany. Sun Hydraulics Korea Corporation ("Sun Korea"), a wholly-owned subsidiary of Sun Hydraulics, located in Inchon, South Korea, operates a manufacturing and distribution facility. Sun Hydraulics, SARL ("Sun France"), a wholly-owned subsidiary of Sun Hydraulics, located in Bordeaux, France, operates a sales and engineering support facility. Sun Hydraulics Systems (Shanghai) Co., Ltd. ("Sun China"), a 50/50 joint venture between Sun Hydraulics and Links Lin, the owner of Sun Hydraulics' Taiwanese distributor, is located in Shanghai, China, and operates a manufacturing and distribution facility. Sun Hydraulics acquired a 40% equity method investment in WhiteOak Controls, Inc. ("WhiteOak"), on June 28, 2005. WhiteOak, located in Mediapolis, Iowa, designs and produces complementary electronic control products.

The accompanying unaudited interim consolidated financial statements have been prepared pursuant to the rules and regulations of the Securities and Exchange Commission for reporting on Form 10-Q. Accordingly, certain information and footnotes required by accounting principles generally accepted in the United States of America for complete financial statements are not included herein. The financial statements are prepared on a consistent basis (including normal recurring adjustments) and should be read in conjunction with the consolidated financial statements and related notes contained in the Annual Report on Form 10-K for the fiscal year ended December 31, 2005, filed by Sun Hydraulics Corporation (together with its subsidiaries, the "Company") with the Securities and Exchange Commission on March 15, 2006. In Management's opinion, all adjustments necessary for a fair presentation of the Company's financial statements are reflected in the interim periods presented. Operating results for the three month period ended April 1, 2006, is not necessarily indicative of the results that may be expected for the period ending December 30, 2006.

2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Earnings per share

The following table represents the computation of basic and diluted earnings per common share as required by FAS No. 128, *Earnings Per Share* (in thousands, except per share data):

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	Three Months Ended	
	April 1, 2006	April 2, 2005
Net income	\$ 4,180	\$ 3,466
Weighted average basic shares outstanding	10,932	10,632
Basic net income per common share	\$ 0.38	\$ 0.33
Effect of dilutive stock options	69	92
Weighted average diluted shares outstanding	11,001	10,724
Diluted net income per common share	\$ 0.38	\$ 0.32

Stock Split

On June 10, 2005, the Company declared a three-for-two stock split, effected in the form of a 50% stock dividend, to shareholders of record on June 30, 2005, payable on July 15, 2005. The Company issued approximately 3,600,000 shares of common stock as a result of the stock split. The effect of the stock split on outstanding shares and earnings per share was retroactively applied to all periods presented.

52-53 Week Fiscal Year

The Company's fiscal year ends on the Saturday nearest to the end of the month of December. Each quarter generally consists of two 4-week periods and one 5-week period. The 2005 fiscal year ended on December 31, 2005, resulting in a 53-week year. As a result of the 2005 fiscal year ending December 31, 2005, the three month period ending April 2, 2005, consists of one 4-week period and two 5-week periods. The period ending April 1, 2006, consists of two 4-week periods and one 5-week period.

3. STOCK-BASED COMPENSATION

Effective January 1, 2006, the Company adopted the provisions of Statement of Financial Accounting Standard ("FAS") No. 123R, *Share-Based Payment*, ("FAS 123R") for its share-based compensation plans. The Company previously accounted for these plans under the recognition and measurement principles of Accounting Principles Board Opinion No. 25, *Accounting for Stock Issued to Employees* ("APB 25") and related interpretations and disclosure requirements established by FAS No. 123, *Accounting for Stock-Based Compensation*, ("FAS 123"), as amended by FAS No. 148, *Accounting for Stock-Based Compensation – Transition and Disclosure*.

Under APB 25, no compensation expense was recorded in earnings for the Company's stock options and awards granted under the Company's employee stock purchase plan ("ESPP"). The pro forma effects on net income and earnings per share for stock options were instead disclosed in a footnote to the financial statements. Compensation expense was recorded in earnings for restricted stock awards. Under FAS 123R, all share-based compensation cost is measured at the grant date, based on the fair value of the award, and is recognized as an expense in earnings over the requisite service period.

The Company adopted FAS 123R using the modified prospective method. Under this transition method, compensation cost recognized in fiscal year 2006 includes the cost for all share-based awards granted prior to, but not yet vested as of January 1, 2006. This cost was based on the grant-date fair value estimated in accordance with the original provisions of FAS 123. Results for prior periods have not been restated.

The compensation cost for stock options will be based on the grant-date fair value of those awards as calculated using the Black-Scholes valuation model. Compensation for restricted stock awards is measured at fair value on the date of grant based on the number of shares expected to vest and the

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quoted market price of the Company's common stock. Compensation cost for stock options and restricted stock awards will be recognized in earnings, net of estimated forfeitures, on a straight-line basis over the requisite service period. Compensation costs for shares granted under the ESPP will be calculated based on actual quarterly purchases.

Prior to the adoption of FAS 123R, benefits of tax deductions in excess of recognized compensation costs were reported as operating cash flows. FAS 123R requires excess tax benefits be reported as a financing cash inflow rather than as a reduction of taxes paid.

The following table illustrates the effect on net income and earnings per share as if the Company had applied the fair-value recognition provisions of FAS 123 to all of its share-based compensation awards for periods prior to the adoption of FAS 123R, and the actual effect on net income and earnings per share for periods subsequent to adoption of FAS 123R (in thousands, except per share data). The fair value of each option grant is estimated on the date of grant using the Black-Scholes option pricing model with weighted average assumptions as set forth below.

	Three Months Ended	
	April 1, 2006	April 2, 2005
Net Income as Reported	\$ 4,180	\$ 3,466
Stock-based employee compensation expense included in reported net income, net of related taxes	101	48
Total stock-based employee compensation expense determined under fair value based method for all awards, net of related taxes	(101)	(78)
Pro Forma Net Income	\$ 4,180	\$ 3,436
Basic net income per common share:		
As reported	\$ 0.38	\$ 0.33
Pro forma	\$ 0.38	\$ 0.32
Diluted net income per common share:		
As reported	\$ 0.38	\$ 0.32
Pro forma	\$ 0.38	\$ 0.32
Assumptions		
Risk-free interest rate	4.54%	4.22%
Expected lives (in years)	6.5	6.5
Expected volatility	35.71%	30.32%
Dividend yield	1.83%	2.19%

Stock Option Plan

During 1996, the Company adopted the 1996 Stock Option Plan (the "Stock Option Plan"), which provides for the grant of incentive stock options and nonqualified stock options for the purchase of up to an aggregate of 1,500,000 shares of the Company's common stock by officers, employees and directors of the Company. Under the terms of the plan, incentive stock options may be granted to employees at an exercise price per share of not less than the fair value per common share on the date of the grant (not less than 110% of the fair value in the case of holders of more than 10% of the Company's voting stock). Nonqualified stock options may be granted at the discretion of the Company's Board of Directors. The maximum term of an option may not exceed 10 years, and options become exercisable at such times and in such installments as determined by the Board of Directors.

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A summary of activity under the Stock Option Plan for the three months ended April 1, 2006 is as follows:

	Number of shares	Weighted average exercise price	Weighted average remaining contractual term (in years)	Aggregate intrinsic value
Options outstanding as of December 31, 2005	106,515	\$ 6.36		
Granted	—			
Exercised	(9,400)	\$ 5.16		
Forfeitures	—			
Options outstanding as of April 1, 2006	97,115	\$ 6.47	5.22	\$ 1,448
Options exercisable as of April 1, 2006	31,159	\$ 5.31	4.95	\$ 501

All options listed above vest over three to five years with a maximum term of seven to ten years.

Restricted Stock Plan

During 2001, the Company adopted the 2001 Restricted Stock Plan, which provides for the grant of restricted stock of up to an aggregate of 412,500 shares of the Company's common stock to officers, employees, consultants and directors of the Company. Under the terms of the plan, the minimum period before any shares become non-forfeitable may not be less than six months. Restricted stock granted prior to January 1, 2006, was accounted for using the measurement and recognition principles of APB 25. Accordingly, compensation cost was measured at the date of the grant and will be recognized in earnings over the period in which the shares vest. Restricted stock expense for the periods ended April 1, 2006 and April 2, 2005, totaled \$115 and \$76, respectively.

As of April 1, 2006, there were 94,677 nonvested restricted shares with a weighted average grant date fair value of \$9.45. There were no shares granted, vested or forfeited during the period ended April 1, 2006.

The Company has \$626 of total unrecognized compensation cost related to restricted stock awards granted under the Plan as of April 1, 2006. That cost is expected to be recognized over a weighted average period of 1.3 years. Pursuant to FAS 123R, the \$741 of unearned compensation recorded as a reduction to stockholders' equity as of December 31, 2005 was reversed against the Company's additional paid-in-capital.

Employee Stock Purchase Plan

During 2001, the Company adopted the Employee Stock Purchase Plan ("ESPP"), which became effective August 1, 2001. Most employees are eligible to participate. Employees who choose to participate are granted an opportunity to purchase common stock at 85 percent of market value on the first or last day of the quarterly purchase period, whichever is lower. The ESPP authorizes the issuance, and the purchase by employees, of up to 487,500 shares of common stock through payroll deductions. No employee is allowed to buy more than \$25,000 of common stock in any year, based on the market value of the common stock at the beginning of the purchase period. Employees purchased 3,010 shares at a price of \$16.43 and 3,545 shares at a price of \$7.28, under the ESPP during periods ended April 1, 2006, and April 2, 2005, respectively. At April 1, 2006, 411,931 shares remained available to be issued through the ESPP.

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4. RESTRICTED CASH

The restricted cash balance at April 1, 2006, consisted of \$52 in reserves as a required deferment for customs in the U.K. operation. The restricted amount was calculated as an estimate of two months of customs for items coming into the Company's U.K. operations and is held with Lloyd's TSB in the U.K.

5. INVENTORIES

	April 1, 2006	December 31, 2005
Raw materials	\$ 2,975	\$ 2,353
Work in process	3,158	2,988
Finished goods	2,806	2,767
Provision for slow moving inventory	(347)	(238)
Total	\$ 8,592	\$ 7,870

6. GOODWILL

On April 1, 2006, the Company had \$715 of goodwill, related to its acquisition of Sun Korea. Goodwill is held in other assets on the balance sheet. Valuation models reflecting the expected future cash flow projections were used to value Sun Korea at December 31, 2005. The analysis indicated that there was no impairment of the carrying value of the goodwill. As of April 1, 2006, no factors were identified that indicated impairment of the carrying value of the goodwill.

7. LONG-TERM DEBT

	April 1, 2006	December 31, 2005
\$35,000 revolving line of credit, collateralized by U.S. assets, interest rate Libor + 1.5% or Bank's Base Rate at Company's discretion (6.36% at April 1, 2006), due August 1, 2011.	\$ 2,499	\$ 999
\$2,400 12-year mortgage note on the German facility, fixed interest rate of 6.05%, due September 30, 2008.	584	623
10-year notes, fixed interest rates ranging from 3.5-5.1%, collateralized by equipment in Germany, due between 2009 and 2011.	642	707
Other	14	55
	3,739	2,384
Less amounts due within one year	(391)	(398)
Total	\$ 3,348	\$ 1,986

The revolving line of credit is subject to debt covenants (capitalized terms are defined therein) including: 1) Debt to Tangible Net Worth ratio of not more than 1.5:1.0, 2) Funded Debt to EBITDA ratio of not more than 2.5:1.0, and 3) EBIT to Interest Expense ratio of not less than 1.1:1.0; and requires the Company to maintain its primary domestic deposit accounts with the Bank. As of April 1, 2006, the Company was in compliance with all debt covenants.

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8. SEGMENT REPORTING

The individual subsidiaries comprising the Company operate predominantly in a single industry as manufacturers and distributors of hydraulic components. The Company is multinational with operations in the United States, and subsidiaries in the United Kingdom, Germany, Korea, and France. Amounts for France, due to their immateriality, are included with the U.S. In computing operating profit for the foreign subsidiaries, no allocations of general corporate expenses have been made. Management bases its financial decisions by the geographical location of its operations.

Identifiable assets of the foreign subsidiaries are those assets related to the operation of those companies. United States assets consist of all other operating assets of the Company.

Segment information is as follows:

	United States	Korea	Germany	United Kingdom	Elimination	Consolidated
Three Months Ended						
April 1, 2006						
Sales to unaffiliated customers	\$20,861	\$4,090	\$ 4,577	\$ 4,657	\$ —	\$ 34,185
Intercompany sales	6,677	—	36	786	(7,499)	—
Operating income	4,058	607	940	739	(34)	6,310
Depreciation	1,031	37	119	243	—	1,430
Capital expenditures	1,873	3	13	76	—	1,965
Three Months Ended						
April 2, 2005						
Sales to unaffiliated customers	\$18,146	\$2,667	\$ 4,081	\$ 4,185	\$ —	\$ 29,079
Intercompany sales	5,862	—	23	602	(6,487)	—
Operating income	3,872	330	1,174	318	(161)	5,533
Depreciation	977	37	109	267	—	1,390
Capital expenditures	1,375	5	61	97	—	1,538

Operating income is total sales and other operating income less operating expenses. Segment operating income does not include interest expense and net miscellaneous income/expense.

9. NEW ACCOUNTING PRONOUNCEMENTS

In March 2006, the Financial Accounting Standards Board ("FASB") issued FAS No. 156, *Accounting for Servicing of Financial Assets—an amendment of FASB Statement No. 140* ("FAS 156"), that provides guidance on accounting for separately recognized servicing assets and servicing liabilities. In accordance with the provisions of FAS No. 156, separately recognized servicing assets and servicing liabilities must be initially measured at fair value, if practicable. Subsequent to initial recognition, the Company may use either the amortization method or the fair value measurement method to account for servicing assets and servicing liabilities within the scope of this Statement. FAS 156 is effective for fiscal years beginning after September 15, 2006. The adoption of this Statement is not expected to have a material effect on the Company's Consolidated Financial Statements.

In February 2006, the FASB issued FAS No. 155, *Accounting for Certain Hybrid Financial Instruments—an amendment of FASB Statements No. 133 and 140* ("FAS 155"), to permit fair value remeasurement for any hybrid financial instrument that contains an embedded derivative that otherwise would require bifurcation in accordance with the provisions of FAS No. 133, *Accounting for Derivative Instruments and*

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Hedging Activities. FAS 155 is effective for fiscal years beginning after September 15, 2006. The adoption of this Statement is not expected to have a material effect on the Company's Consolidated Financial Statements.

10. COMMITMENTS AND CONTINGENCIES

The Company is not a party to any legal proceedings other than routine litigation incidental to its business. In the opinion of management, the amount of ultimate liability with respect to these actions will not materially affect the results of operations, financial position or cash flows of the Company.

Item 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

OVERVIEW

Sun Hydraulics Corporation is a leading designer and manufacturer of high-performance screw-in hydraulic cartridge valves and manifolds, which control force, speed and motion as integral components in fluid power systems. The Company sells its products globally through wholly-owned companies and independent distributors with some direct accounts. Sales outside the United States for the Quarter ended April 1, 2006, were 50% of total net sales.

Approximately 66% of product sales are used by the mobile market, which is characterized by applications where the equipment is not fixed in place, the operating environment is often unpredictable, and duty cycles are generally moderate to low. Some examples of mobile equipment include off-road construction equipment, fire and rescue equipment and mining machinery.

The remaining 34% of sales are used by industrial markets, which are characterized by equipment that is fixed in place, typically in a controlled environment, and which operates at higher pressures and duty cycles. Automation machinery, metal cutting machine tools and plastics machinery are some examples of industrial equipment. The Company sells to both markets with a single product line.

Company Focus

Since the capital goods rebound began in late 2003, the Company has realized robust growth in all areas of the world. Management believes there are five key reasons why:

- Delivery performance,
- New products, especially electro-hydraulic products,
- Integrated packages,
- Our geographic presence, and
- Our website.

During the difficult times of 2001 and 2002, the Company kept its workforce fully intact, despite a severe decline in business. Manufacturing personnel reviewed and improved many processes to increase productivity. Existing products were redesigned to make them easier to manufacture. And many new products were released to complement what management believes to be the most extensive cartridge valve line in the world.

Many of the Company's new products are electrically actuated cartridges, including solenoid and proportional valves. The new electrically actuated cartridges create new system opportunities by offering complete valve packages which could not be offered previously. This product line expansion allows integrated packages to be designed with 100% Sun content.

To support this effort, the Company has wholly-owned companies in North America, Europe and the Far East, augmented by what management believes to be the finest distribution network in the fluid power industry. The Company's distributors know how to apply products and develop integrated solutions for the local market.

To tell the marketplace about all of these developments, the Company relies on www.sunhydraulics.com. The Company's website is developed for serious design engineers. It provides all the detailed technical information and specifications to select, apply and obtain Sun products, 24 hours a day, seven days a week.

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Industry conditions

Demand for the Company's products is dependent on demand for the capital goods into which the products are incorporated. The capital goods industries in general, and the fluid power industry specifically, are subject to economic cycles. According to the National Fluid Power Association (the fluid power industry's trade association in the United States), the United States index of shipments of hydraulic products increased 13% and 25% in 2005 and 2004, respectively, after a decrease of 2% in 2003. The index of shipments continued to show growth through March 2006, increasing 12%.

The Company's order trend has historically tracked closely to the United States Purchasing Managers Index (PMI). The index was 55.2 at the end of March 2006 compared to 55.3 at the end of March 2005. When PMI is over 50, it indicates economic expansion; when it is below 50, it indicates contraction in the economy.

Results for the first quarter (Dollars in millions except net income per share)

	April 1, 2006	April 2, 2005	Increase
Three Months Ended			
Net Sales	\$34.2	\$29.1	18%
Net Income	\$ 4.2	\$ 3.5	20%
Net Income per share(1):			
Basic	\$0.38	\$0.33	15%
Diluted	\$0.38	\$0.32	19%

The Company experienced a significant surge in demand in the first quarter that has continued through April and into May. The Company's major focus continues to be on delivery performance and satisfying customers' needs.

The Company remains committed to its global strategy of expanding its international footprint. International sales were up 25% over last year with sizable growth in the European and Asian markets, Domestic sales also continue to be strong, with a 10% year over year increase. With order rates remaining steady at a high level and the short book-to-ship cycle, the Company expects second quarter results will continue to show strength.

In April, the Company released the first products that have resulted from its WhiteOak joint venture, which was entered into last year. Management believes that these complementary electronic products are indicative of the new, innovative technologies that will result from Sun's association with WhiteOak.

Outlook

Second quarter 2006 sales are estimated to be in the range of \$36 million, a 16% increase over the same period last year. Second quarter earnings per share are estimated to be between \$0.39 and \$0.41 per share, compared to \$0.32 per share last year.

COMPARISON OF THE THREE MONTHS ENDED APRIL 1, 2006 AND APRIL 2, 2005

Net Sales

Net sales were \$34.2 million, an increase of \$5.1 million, or 17.5%, compared to \$29.1 million in 2005. The increase was due in large part to the continued growth of international sales, particularly in Asia where sales increased 49.1%, or \$1.8 million, to \$5.6 million. Asian sales were led by domestic sales in Korea and sales to China.

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North American sales increased 8.2%, or \$1.3 million, to \$17.4 million. Shipments within the U.S. increased 10.4%.

European sales increased 20.8%, or \$1.8 million, to \$10.5 million. Sales to France increased 23.1%, to Germany 15.4%, and to the U.K. 14.6%. Significant increases were also noted in Ireland, Norway, Sweden, Finland and Italy.

Gross Profit

Gross profit increased \$1.2 million, or 12.6%, to \$11.0 million. Gross profit as a percentage of net sales decreased to 32.1% in the first quarter of 2006, compared to 33.5% in the first quarter last year. Gross profit decreases were due to increased material costs and an increase in the fixed cost base, including salaries and fringe, utilities, and depreciation. Gross profit decreases were partially offset by higher sales volume and a selective sales price increase in January this year.

Selling, Engineering and Administrative Expenses

Selling, engineering and administrative expenses increased 10.7%, or \$0.5 million, to \$4.7 million compared to the same quarter last year. The increase was primarily due to increased compensation expense and changes in accrued liabilities.

Interest Expense

Interest expense for the quarter ended April 1, 2006, decreased 48.5% to \$0.1 million compared to the quarter ended April 2, 2005. Total average debt for the quarter ended April 1, 2006, was \$2.7 million compared to \$11.0 million for the quarter ended April 2, 2005. Interest on the decreased average debt outstanding was partially offset by the increase of the average interest rate on variable debt during the period ended April 1, 2006.

Foreign Currency Transaction Gain

There was minimal impact to net income in the quarter ended April 1, 2006, compared to a gain of \$0.1 in the quarter ended April 2, 2005, as a result of foreign currency transactions. The decrease in the foreign currency gain was primarily a result of the revaluation of Sun Ltd. balance sheet items which were held in U.S. dollars.

Miscellaneous Expense/(Income), Net

There was minimal impact to net income in the quarters ended April 1, 2006, and April 2, 2005, as a result of miscellaneous expenses/(income).

Income Taxes

The provision for income taxes for the quarter ended April 1, 2006, was 33.2% of pretax income compared to 37.2% for the quarter ended April 2, 2005. The decrease was due to a change in the relative levels of income and different tax rates in effect among the countries in which the Company sells its products and a reduction in the U.S. effective rate of approximately 3%.

LIQUIDITY AND CAPITAL RESOURCES

Historically, the Company's primary source of capital has been cash generated from operations, although fluctuations in working capital requirements have from time to time been met through borrowings under revolving lines of credit. The Company's principal uses of cash have been to pay operating expenses, make capital expenditures, pay dividends to shareholders and service debt.

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Cash from operations for the three months ended April 1, 2006, was \$3.4 million, compared to \$1.7 million for the three months ended April 2, 2005. The \$1.7 million increase in the Company's net cash flow from operations during the period was due primarily to the increase in net income of \$0.7 million, decreases in tax assets and increases in tax liabilities. Amounts were partially offset by a decrease in accounts payable. Days sales outstanding (DSO) were 36 and 39 at April 1, 2006, and April 2, 2005, respectively. Inventory turns improved to 10.8 as of April 1, 2006, from 9.8 as of April 2, 2005.

Capital expenditures, consisting primarily of purchases of machinery and equipment, were \$2.0 million for the three months ended April 1, 2006, compared to \$1.5 million for the three months ended April 2, 2005. Capital expenditures for the year are projected to be approximately \$9.0 million.

The Company declared quarterly dividends of \$0.10 per share to shareholders of record March 31, 2006, payable on April 15, 2006. The declaration and payment of future dividends is subject to the sole discretion of the Board of Directors, and any determination as to the payment of future dividends will depend upon the Company's profitability, financial condition, capital needs, future prospects and other factors deemed pertinent by the Board of Directors.

The Company believes that cash generated from operations and its borrowing availability under its revolving Line of Credit will be sufficient to satisfy the Company's operating expenses and capital expenditures for the foreseeable future. In the event that economic conditions were to severely worsen for a protracted period of time, the Company would have several options available to ensure liquidity in addition to increased borrowing. Capital expenditures could be postponed since they primarily pertain to long-term improvements in operations. Additional operating expense reductions also could be made. Finally, the dividend to shareholders could be reduced or suspended.

Off Balance Sheet Arrangements

The Company uses the equity method of accounting to account for its investments in Sun China and WhiteOak. The Company does not have a majority ownership in or exercise control over either of the entities. The Company does not believe that its investments in Sun China or WhiteOak qualify as Variable Interest Entities, within the scope of FASB Interpretation (FIN) No. 46, *Consolidation of Variable Interest Entities, an interpretation of ARB No. 5*, nor are they material to the financial statements of the Company at April 1, 2006.

Seasonality

The Company generally has experienced increased sales during the second quarter of the year, largely as a result of the order patterns of our customers. As a result, the Company's second quarter net sales, income from operations and net income historically are the highest of any quarter during the year.

Inflation

The impact of inflation on the Company's operating results has been moderate in recent years, reflecting generally lower rates of inflation in the economy. While inflation has not had, and the Company does not expect that it will have, a material impact upon operating results, there is no assurance that the Company's business will not be affected by inflation in the future.

Critical Accounting Policies and Estimates

The Company currently only applies judgment and estimates which may have a material effect on the eventual outcome of assets, liabilities, revenues and expenses for impairment of long-lived assets, accounts receivable, inventory, goodwill and accruals. The following explains the basis and the procedure for each account where judgment and estimates are applied.

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Revenue Recognition

The Company reports revenues, net of sales incentives, when title passes and risk of loss transfers to the customer. The effect of material non-recurring events is provided for when they become known.

Impairment of Long-Lived Assets

In accordance with Statement of Financial Accounting Standards ("FAS") No. 144, *Accounting for Impairment or Disposal of Long-lived Assets* ("FAS 144"), long-lived assets, such as property and equipment, and purchased intangibles subject to amortization, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of the asset is measured by comparison of its carrying amount to future net cash flows the asset is expected to generate. If such assets are considered to be impaired, the impairment to be recognized is measured as the amount by which the carrying amount of the asset exceeds its fair market value.

The Company assesses the recoverability of goodwill and intangible assets not subject to amortization under FAS No. 142, *Goodwill and Other Intangible Assets* ("FAS 142"). See Goodwill below.

Accounts Receivable

The Company sells to most of its customers on a recurring basis, primarily through distributors with which the Company maintains long-term relationships. As a result, bad debt experience has not been material. The allowance for doubtful accounts is determined on a specific identification basis by a review of those accounts that are significantly in arrears. There can be no assurance that a distributor or a large direct sale customer with overdue accounts receivable balances will not develop financial difficulties and default on payment. See balance sheet for allowance amounts.

Inventory

The Company offers a wide variety of standard products and as a matter of policy does not discontinue products. On an ongoing basis, component parts found to be obsolete through design or process changes are disposed of and charged to material cost. The Company reviews on-hand balances of products and component parts against specific criteria. Products and component parts without usage or that have excess quantities on hand are evaluated. An inventory reserve is then established for the full inventory carrying value of those products and component parts deemed to be obsolete or slow moving. See Note 5 for inventory reserve amounts.

Goodwill

The Company acquired its Korean operations in September 1998 using the purchase method. As a result, goodwill is reflected on the consolidated balance sheet. A valuation based on the cash flow method was performed at December 31, 2005. It was determined that the value of the goodwill was not impaired. There is no assurance that the value of the acquired company will not decrease in the future due to changing business conditions. See Note 6 for goodwill amounts.

Accruals

The Company makes estimates related to certain employee benefits and miscellaneous accruals. Estimates for employee benefit accruals are based on information received from plan administrators in conjunction with management's assessments of estimated liabilities related to workers' compensation, health care benefits and annual contributions to an employee stock ownership plan ("ESOP"), established in 2004 as part of the Company's retirement plan. Estimates for miscellaneous accruals are based on management's assessment of estimated liabilities for costs incurred.

FORWARD-LOOKING INFORMATION

Certain oral statements made by management from time to time and certain statements contained herein that are not historical facts are “forward-looking statements” within the meaning of Section 21E of the Securities Exchange Act of 1934 and, because such statements involve risks and uncertainties, actual results may differ materially from those expressed or implied by such forward-looking statements. Forward-looking statements, including those in Management’s Discussion and Analysis of Financial Condition and Results of Operations, are statements regarding the intent, belief or current expectations, estimates or projections of the Company, its Directors or its Officers about the Company and the industry in which it operates, and assumptions made by management, and include among other items, (i) the Company’s strategies regarding growth, including its intention to develop new products; (ii) the Company’s financing plans; (iii) trends affecting the Company’s financial condition or results of operations; (iv) the Company’s ability to continue to control costs and to meet its liquidity and other financing needs; (v) the declaration and payment of dividends; and (vi) the Company’s ability to respond to changes in customer demand domestically and internationally, including as a result of standardization. Although the Company believes that its expectations are based on reasonable assumptions, it can give no assurance that the anticipated results will occur.

Important factors that could cause the actual results to differ materially from those in the forward-looking statements include, among other items, (i) the economic cyclicality of the capital goods industry in general and the hydraulic valve and manifold industry in particular, which directly affect customer orders, lead times and sales volume; (ii) conditions in the capital markets, including the interest rate environment and the availability of capital; (iii) changes in the competitive marketplace that could affect the Company’s revenue and/or cost bases, such as increased competition, lack of qualified engineering, marketing, management or other personnel, and increased labor and raw materials costs; (iv) changes in technology or customer requirements, such as standardization of the cavity into which screw-in cartridge valves must fit, which could render the Company’s products or technologies noncompetitive or obsolete; (v) new product introductions, product sales mix and the geographic mix of sales nationally and internationally; and (vi) changes relating to the Company’s international sales, including changes in regulatory requirements or tariffs, trade or currency restrictions, fluctuations in exchange rates, and tax and collection issues. Further information relating to factors that could cause actual results to differ from those anticipated is included but not limited to information under the headings Item 1. “Business,” and Item 1A. “Risk Factors” in the Company’s Form 10-K for the year ended December 31, 2005, and “Management’s Discussion and Analysis of Financial Conditions and Results of Operations” in this Form 10-Q for the quarter ended April 1, 2006. The Company disclaims any intention or obligation to update or revise forward-looking statements, whether as a result of new information, future events or otherwise.

Item 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The Company is exposed to market risk from changes in interest rates on borrowed funds, which could affect its results of operations and financial condition. The Company had approximately \$2.5 million in variable-rate debt outstanding at April 1, 2006. The Company has managed this risk by its ability to select the interest rate on its debt financing at LIBOR plus 1.5% or the Bank's Base Rate, whichever is more advantageous. Beginning in August 2006, the interest rate on its debt financing will remain variable based upon the Company's leverage ratio. At April 1, 2006, a 1% change in interest rates up or down would have affected the Company's income statement on an annual basis by approximately \$25,000 at the current, variable-rate outstanding debt level.

The Company's exposure to foreign currency exchange fluctuations relates primarily to the direct investment in its facilities in the United Kingdom, Germany and Korea. The Company does not use financial instruments to hedge foreign currency exchange rate changes.

Item 4. CONTROLS AND PROCEDURES

As of April 1, 2006, the Company's management, under the direction of its Chief Executive Officer and the Chief Financial Officer, carried out an evaluation of the effectiveness of the design and operation of the disclosure controls and procedures pursuant to Exchange Act Rule 13a-15. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed in our SEC reports is recorded, processed, summarized and reported within the time periods specified by the SEC's rules and forms, and is accumulated and communicated to management, including our Chief Executive Officer and Chief Financial Officer, as appropriate to allow timely decisions regarding required disclosure. Based upon that evaluation, the Company's Chief Executive Officer and the Chief Financial Officer concluded that the Company's disclosure controls and procedures were effective at the reasonable assurance level as of April 1, 2006, in timely alerting them to material information required to be included in the Company's periodic SEC filings.

There were no significant changes in the Company's internal controls over financial reporting during the period ended April 1, 2006, that materially affected, or are reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II
OTHER INFORMATION

Item 1. Legal Proceedings.

None.

Item 1A. Risk Factors

For information regarding risk factors, please refer to Part I, Item 1A in the Company's Annual Report on Form 10-K for the year ended December 31, 2005.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

In December 2005, the Company's Board of Directors authorized the repurchase of up to \$2.0 million of Company stock, to be completed no later than January 15, 2007. The stock purchases will be made in the open market or through privately negotiated transactions. Market purchases will be made subject to restrictions relating to volume, price and timing in an effort to minimize the impact of the purchases on the market for the Company's securities. The amount of the stock repurchases was set based upon the anticipated number of shares that will be required to fund the Company's ESOP and employee stock purchase plan through fiscal year 2006.

The table below sets forth purchases of Company stock during the first quarter of fiscal 2006:

Period	Issuer Purchases of Equity Securities			
	Total Number of Shares Purchased	Average Price Paid per Share	Total Number of Shares Purchased as Part of Publicly Announced Plans or Programs	Maximum Dollar Value of Shares that May Yet Be Purchased under the Plans or Programs
January 2006	12,700	\$ 19.16	12,700	\$ 199,689
February 2006	—	\$ —	—	\$ 199,689
March 2006	—	\$ —	—	\$ 199,689
Total	12,700		12,700	\$ 199,689

Item 3. Defaults upon Senior Securities.

None.

Item 4. Submission of Matters to a Vote of Security Holders.

None.

Item 5. Other Information.

None.

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Item 6. Exhibits.

Exhibits:

<u>Exhibit Number</u>	<u>Exhibit Description</u>
31.1	CEO Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
31.2	CFO Certification pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
32.1	CEO Certification pursuant to 18 U.S.C. § 1350.
32.2	CFO Certification pursuant to 18 U.S.C. § 1350.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the Registrant has duly caused this Report to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Sarasota, State of Florida on May 9, 2006.

SUN HYDRAULICS CORPORATION

By: /s/ Tricia L. Fulton
Tricia L. Fulton
Chief Financial Officer (Principal Financial and
Accounting Officer)

CERTIFICATION

I, Allen J. Carlson, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarter ended April 1, 2006, of Sun Hydraulics Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 9, 2006

/s/Allen J. Carlson

Allen J. Carlson

President, Chief Executive Officer

CERTIFICATION

I, Tricia L. Fulton, certify that:

1. I have reviewed this Quarterly Report on Form 10-Q for the quarter ended April 1, 2006, of Sun Hydraulics Corporation;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:

(a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;

(b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;

(c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and

(d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and

5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):

(a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and

(b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: May 9, 2006

/s/ Tricia L. Fulton

Tricia L. Fulton
Chief Financial Officer

CERTIFICATION PURSUANT TO 18 U.S.C. § 1350

I, Allen J. Carlson, the Chief Executive Officer of Sun Hydraulics Corporation (the "Company"), certify that (i) the Quarterly Report on Form 10-Q for the Company for the quarter ended April 1, 2006 (the "Report"), fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Allen J. Carlson

Chief Executive Officer

May 9, 2006

CERTIFICATION PURSUANT TO 18 U.S.C. § 1350

I, Tricia L. Fulton, the Chief Financial Officer of Sun Hydraulics Corporation (the "Company"), certify that (i) the Quarterly Report on Form 10-Q for the Company for the quarter ended April 1, 2006 (the "Report"), fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and (ii) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

/s/ Tricia L. Fulton

Chief Financial Officer

May 9, 2006