FORM	4
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Check this box if no
longer subject to
Section 16. Form 4 or
Form 5 obligations
may continue. See
Instruction 1(b).

#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden 0.5 hours per response...

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Addres CARLSON ALLI	2. Issuer Name <b>a</b> SUN HYDRAU				bol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner					
(Last) (First) (Middle) 1500 WEST UNIVERSITY PARKWAY			3. Date of Earliest 05/18/2007	Transaction	ı (Mo	onth/Day/	Year)	X_Officer (give title below) Other (specify below) President, CEO			
(Street) SARASOTA, FL 34243			4. If Amendment, 1	Date Origin	al Fil	ed(Month/I	Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned										
1. Title of Security     2. Transaction       (Instr. 3)     Date       (Month/Day/Year)			2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)		4. Securities Acqui (A) or Disposed of (Instr. 3, 4 and 5)		l of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form:	Beneficial
			(Monui/Day/Tear)	Code	v	Amount	(A) or (D)	Price	(Instr. 3 and 4)	Direct (D) or Indirect (I) (Instr. 4)	
Common Stock		05/18/2007		М		899	А	\$ 18.41	31,188	D	
Common Stock		05/18/2007		М		2,429	А	\$ 8.2333	33,617	D	
Common Stock		05/18/2007		М		2,899	А	\$ 5.51	36,516	D	
Common Stock		05/18/2007		S		6,227	D	\$ 41	30,289	D	
Common Stock		05/21/2007		М		101	А	\$ 5.51	30,390	D	
Common Stock		05/21/2007		М		4,800	А	\$ 4.726	35,190	D	
Common Stock		05/21/2007		S		2,578	D	\$ 41.0268	32,612	D	
Common Stock		05/21/2007		S		2,123	D	\$ 41	30,489	D	
Common Stock		05/21/2007		S		200	D	\$ 41.125	30,289	D	
Common Stock									3,390	I (1)	BY ESOP TRUST

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

	(e.g., puts, calls, warrants, options, convertible securities)														
1. Title of Derivative Security (Instr. 3)	Conversion	(Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	Code		of Der Secu Acq (A) Disp of (I	ivative urities urities or posed D) tr. 3, 4,	6. Date Exercisable and Expiration Date Amount of (Month/Day/Year) Underlying Securities (Instr. 3 and 4)		Amount of I Underlying S Securities (		Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Direct (D) or Indirect	Beneficial
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (right to buy)	\$ 18.41	05/18/2007		М			899	(2)	12/09/2012	Common Stock	899	\$ 0	3,599	D	
Employee Stock Option (right to buy)	\$ 8.2333	05/18/2007		М			2,429	<u>(3)</u>	10/15/2011	Common Stock	2,429	\$ 0	2,429	D	
Employee Stock Option (right to buy)	\$ 5.51	05/18/2007		М			2,899	<u>(4)</u>	05/17/2012	Common Stock	2,899	\$ 0	101	D	
Employee															

Stock Option (right to buy)	\$ 5.51	05/21/2007	М	101	<u>(4)</u>	05/17/2012	Common Stock	101	\$ 0	0	D	
Employee Stock Option (right to buy)	\$ 4.726	05/21/2007	М	4,80	<u>(5)</u>	09/29/2010	Common Stock	4,800	\$ 0	0	D	

# **Reporting Owners**

Derection Orman Name / Address	Relationships								
Reporting Owner Name / Address	Director	10% Owner	Officer	Other					
CARLSON ALLEN J 1500 WEST UNIVERSITY PARKWAY SARASOTA, FL 34243	Х		President, CEO						

## Signatures

Gregory C. Yadley, as Attorney-in-Fact for ALLEN J. CARLSON	05/22/2007
**Signature of Reporting Person	Date

# **Explanation of Responses:**

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) Reflects allocations of shares under the Sun Hydraulics Corporation Employee Stock Ownership Plan.

(2) Options exercisable as follows: 899 shares on 12/09/06; an additional 899 shares on 12/09/07; an additional 900 shares on 12/09/08; an additional 900 shares on 12/09/08; and an additional 900 shares on 12/09/10.

(3) Options exercisable as follows: 2,429 shares on 10/15/05; an additional 2,429 shares on 10/15/06; and an additional 2,429 shares on 10/15/07.

(4) Options exercisable as follows: 2,000 shares on May 18, 2003; an additional 2,000 shares on May 18, 2004; an additional 2,000 shares on May 18, 2005; an additional 3,000 shares on May 18, 2007.

(5) Options exercisable as follows: 3,200 shares on 9/24/04; an additional 4,800 shares on 9/08/05, and an additional 4,800 shares on 9/8/06.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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