SMITH A O CORP Form 4 July 24, 2007

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

Form 5 obligations

may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * O TOOLE ROBERT J

(First) (Middle) (Last)

2401 WEST CEDAR LANE

(Street)

2. Issuer Name and Ticker or Trading Symbol

SMITH A O CORP [AOS] 3. Date of Earliest Transaction

(Month/Day/Year) 07/20/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB

Number:

Expires:

response...

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_X__ Director 10% Owner Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

RIVER HILLS, WI	33217
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(City)	(State)	(Zip) Tak	ole I - Non-	-Derivative	Secur	ities Acquire	ed, Disposed of, o	or Beneficially	Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Code (Instr. 8)	orDisposed of (Instr. 3, 4	of (D) and 5) (A) or		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	07/20/2007		Code V M	Amount 181,800	(D)	Price \$ 15.135		D	
Common Stock	07/20/2007		F	103,188	D	\$ 49.9206	378,674	D	
Common Stock	07/20/2007		S	6,000	D	\$ 49	372,674	D	
Common Stock	07/20/2007		S	1,100	D	\$ 49.01	371,574	D	
Common Stock	07/20/2007		S	1,700	D	\$ 49.02	369,874	D	
	07/20/2007		S	600	D	\$ 49.03	369,274	D	

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Common Stock							
Common Stock	07/20/2007	S	600	D	\$ 49.04	368,674	D
Common Stock	07/20/2007	S	500	D	\$ 49.07	368,174	D
Common Stock	07/20/2007	S	800	D	\$ 49.08	367,374	D
Common Stock	07/20/2007	S	700	D	\$ 49.09	366,674	D
Common Stock	07/20/2007	S	1,500	D	\$ 49.1	365,174	D
Common Stock	07/20/2007	S	400	D	\$ 49.12	364,774	D
Common Stock	07/20/2007	S	500	D	\$ 49.13	364,274	D
Common Stock	07/20/2007	S	1,600	D	\$ 49.14	362,674	D
Common Stock	07/20/2007	S	750	D	\$ 49.15	361,924	D
Common Stock	07/20/2007	S	650	D	\$ 49.16	361,274	D
Common Stock	07/20/2007	S	3,700	D	\$ 49.17	357,574	D
Common Stock	07/20/2007	S	100	D	\$ 49.18	357,474	D
Common Stock	07/20/2007	S	1,700	D	\$ 49.21	355,774	D
Common Stock	07/20/2007	S	700	D	\$ 49.22	355,074	D
Common Stock	07/20/2007	S	100	D	\$ 49.23	354,974	D
Common Stock	07/20/2007	S	900	D	\$ 49.26	354,074	D
Common Stock	07/20/2007	S	100	D	\$ 49.3	353,974	D
Common Stock	07/20/2007	S	400	D	\$ 49.37	353,574	D
Common Stock	07/20/2007	S	2,300	D	\$ 49.39	351,274	D
	07/20/2007	S	400	D	\$ 49.4	350,874	D

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Common Stock							
Common Stock	07/20/2007	S	1,100	D	\$ 50	349,774	D
Common Stock	07/20/2007	S	100	D	\$ 50.01	349,674	D
Common Stock	07/20/2007	S	400	D	\$ 50.05	349,274	D
Common Stock	07/20/2007	S	400	D	\$ 50.06	348,874	D

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

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SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	Execution Date, if any	Code	ransactionDerivative Code Securities		ransactionDerivative Expir ode Securities (Mon		FransactionDerivative Expiration Date Code Securities (Month/Day/Year)		e	7. Title and A Underlying S (Instr. 3 and	Securities
(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	Disposed of (D) (Instr. 3, 4, and 5)		(Instr. 3, 4, and							
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amoun Numbe Shares			
Employee Stock Options (Right to Buy) (1)	\$ 15.135	07/20/2007		M		181,800	10/08/2002	10/09/2011	Common Stock	181,8			

Reporting Owners

Reporting Owner Name / Address	Relationships							
•	Director	10% Owner	Officer	Other				
O TOOLE ROBERT J								
2401 WEST CEDAR LANE	X							
RIVER HILLS, WI 53217								

Reporting Owners 3

Date

Signatures

James F. Stern, Attorney-in-Fact for Robert J. 07/24/2007 O'Toole

**Signature of Reporting Person

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) Granted on 10/09/2001 under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a transaction exempt under Ruble 16b-3.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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