

SECURITIES AND EXCHANGE COMMISSION

Washington, DC 20549

Under the Securities and Exchange Act of 1934

(Amendment No. 0)

A.O. SMITH CORPORATION
(Name of Issuer)

Common
(Title of Class of Securities)

831865209
(CUSIP NUMBER)

- | | | | |
|-----|---|--------------------------------------|---------|
| 1) | Name of Reporting
SS or IRS Identification
Nos. of Above Persons | Pioneering Management
Corporation | |
| 2) | Check the Appropriate Box
of A Member of Group
(See Instructions) | (a)
(b) X | |
| 3) | SEC Use Only | | |
| 4) | Citizenship of Place of
Organization | | |
| | Number of
Shares | (5) Sole Voting Power | 1153400 |
| | Beneficially Owned
by Each Reporting
Person With | (6) Shared Voting Power | 0 |
| | | (7) Sole Dispositive
Power | 0 |
| | | (8) Shared Dispositive
Power | 1153400 |
| 9) | Aggregate Amount Bene-
ficially Owned by Each
Reporting Person | 1153400 | |
| 10) | Check if the aggregate
Amount in Row (9) Ex-
clude Certain Shares (See
Instructions) | | |
| 11) | Percent of Class Represented
By Amount in Row 9. | 7.66% | |
| 12) | Type of Reporting
Person (See Instructions) | IA | |

Item 1(a) Name of Issuer.
A.O. SMITH CORPORATION

Item 1(b) Address of User's Principal Executive Office's
Mr. G. R. Bomberger
Chief Financial Officer
A.O. SMITH CORPORATION
PO Box 23972
Milwaukee, WI 53223-0972

Item 2(a) Name of Person Filing.
Pioneering Management Corporation

Item 2(b) Address of Principal Business Office:
60 State Street, Boston, MA 02109

Item 2(c) Citizenship:
State Of Delaware - Pioneering Management Corporation.

Item 2(d) Title of Class of Securities.
Common Stock

Item 2(e) CUSIP Number.
831865209

Item 3 The person filing this statement pursuant to Rule 13-1(b)
or 13d-2 is:
(a) Investment Adviser registered under Section
203 of the Investment Advisers Act of 1940.

Item 4. Ownership

(a)	Amount Beneficially Owned	1153400
(b)	Percent of Class	7.66%
(c)	Number of shares as to which such person has	
(i)	sole power to vote or to direct the vote	1153400
(ii)	shared power to vote or to direct vote	0
(iii)	sole power to dispose or to direct disposition of	0
(iv)	shared power to dispose or to direct disposition	1153400

Item 5. Ownership of Five Percent or Less of a Class.

Inapplicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Inapplicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported On By the Parent Holding Company.

Inapplicable.

Item 8. Identification and Classification of Members of the Group.

Inapplicable.

Item 9. Notice of Dissolution of the Group.

Inapplicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transactions having such purposes or effect.

After reasonable inquiry and to the best of my knowledge and believe, I certify that the information set forth in this statement is true, complete and correct.

April 21, 1997
Date

/s/Robert P. Nault
Signature

Robert P. Nault, Assistant Secretary
Type Name and Title