

Service Letter

Technical Aspects are FAA Approved

Number: L90-01 A

Replaces ServL 90-001

Date: 07/13/2004

Subject: SL18729 Piston

Application: Lycoming Engine Models O-235-K2A, K2B, K2C, L2A, L2C, M1, N2A, N2C, and P2A

Superior Air Parts, Inc. has received FAA-PMA approval for the SL18729 piston. The SL18729 is interchangeable with the Textron Lycoming LW18729 and is offered as an alternate to the Superior SL13623 piston. Due to the requests of customers, Superior will offer both pistons.

Because of weight differences, the SL18729 should not be mixed with SL13623 in the same engine. The SL18729 and SL13623 should be used in complete engine sets only. When installing SL18729 or SL13623 pistons during top or major overhaul, an appropriate log book entry should be made indicating the part number of the pistons installed. This will help ensure that the proper piston(s) will be installed in future installations.

A 2400-hour TBO has been established for the O-235 engine by Textron Lycoming. Superior has established a TBO of 2400 hours for the SL18729 and SL18729 P10 pistons. Superior's Service Letter 87-003B previously established a recommended TBO of 2400 hours for the SL13623 and the SL13623 P10 pistons.

PISTON	RINGS FOR NITRIDE CYLINDER	RINGS FOR CHROME CYLINDER
SL18729	C SL78862 C SL78862 O SL78864	C SL14234 C SL14234 O SL14235
SL18729 P10	C SL78862 P10 C SL78862 P10 C SL78864 P10	N/A N/A N/A

The above listed rings are available in single cylinder and complete engine ring sets. See current Superior Piston Products Manual.

Note: The overhaul period is a recommendation only and is dependent on 1) compliance with all applicable service bulletins and airworthiness directives, 2) all required preventive maintenance, and periodic inspections, and 3) determinations by qualified maintenance personal that the engine is operating normally and is airworthy.