



TECHNICAL DATA SHEET

AIMOL COMPRESSOR OIL S

Ashless compressor oil

DESCRIPTION

AIMOL Compressor Oil S is a high quality mineral oil based compressor oil. The low carbon residue prevents the formation of deposits. Meets the specification of DIN 51506 VDL. Maximum discharge temperature of 220°C. It is developed for use where air is saturated with moisture (water/steam). Long compressor life is ensured due to the reduced component wear, corrosion protection and water resistance.

AIMOL Compressor Oil S offers a secure performance in compressors because of the low pour points, anti wear properties and excellent oxidation control. Does not block filters and possesses excellent water separation. The product does not show aggressive action on paint and does not block the filters, resulting in a much more efficient operation of the compressor.

AIMOL Compressor Oil S offers an excellent performance combined with a clean operation, low friction and prevents from hydrocarbon build-up. AIMOL Compressor Oil performs extremely well in both oxidation (TOST) as well as wear tests (4-ball, FZG). Therefore AIMOL Compressor Oil is extremely suitable for compressors operating under severe conditions

APPLICATION

AIMOL Compressor Oil S is intended for screw air compressors with oil injection systems and some types of centrifugal air compressors.

PERFORMANCE LEVELS

AIMOL Compressor Oil S meets/exceeds the following performance levels/specifications:

- ◆ DIN 51506 VBL, VCL & VDL
- ◆ ISO-L DAA/DAB/DAG/DAH
- ◆ DIN 51524 HLP
- ◆ Vickers I-286-S
- ◆ AFNOR NFE 48-603 cat. HM
- ◆ Cleanness code 21/19/16 (ISO 4406)

AVIALABLE PACKS

New drum 205 Litre
Can 20 Litre

TYPICAL FIGURES

| Parameter | Test method | S 32 | S 46 | S 68 |
|---|-------------|-------|-------|-------|
| Density at 20 °C kg/m ³ | ASTM D1298 | 0,870 | 0,872 | 0.878 |
| Flashpoint C.O.C. in °C | ASTM D97 | 225 | 230 | 245 |
| Pourpoint in °C | ASTM D97 | -33 | -30 | -27 |
| Viscosity at 40 °C in mm ² /s | ASTM D445 | 32 | 46 | 68 |
| Viscosity at 100 °C in mm ² /s | ASTM D445 | 5.4 | 6.7 | 8.7 |
| Viscosity Index | ASTM D2270 | 103 | 100 | 101 |
| FZG test, loading stage | - | >12 | >12 | >12 |
| TOST oxidation stability, h | ASTM D943 | >3200 | >3200 | >3200 |

HEALTH AND SAFETY

AIMOL Compressor Oil S has no adverse health effects provided it is used as directed.

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.