Technical Data Sheet

MOTOROL®

• SPECIALITY • INDUSTRIAL • AUTOMOTIVE LUBRICANTS

# MOTOROL COMPREX S

## COMPRESSOR OIL

### Introduction:

MOTOROL Comprex S oils are made from engineered synthetic base fluids and fortified with specially designed additive package containing antioxidant, rust inhibitor, anti - wear, anti - corrosive and anti - foam additives for optimum lubrication under high temperature and load conditions for prolonged periods of up to 4000hrs. It is used for lubrication of screw air compressors and rotary sliding vane compressors.

### Applications:

MOTOROL Comprex S grade oils are used in compressors where oil is recirculated and used for longer period. These are suitable for oil flooded rotary vane air compressors and single or double staged rotary oil flooded screw compressors with air discharge temperature upto 100°C. These can be used upto 4000hrs. Ambient temperature range 0°C to +40°C.

### Advantages:

- High viscosity index resulting in maintaining viscosity in severe operating conditions
- Oil maintenance intervals of above 4000hrs
- Resistance to foaming for efficient performance of compressors
- Good oxidation stability to ensure long service life.
- Protection against sludge formation and keeps the system clean
- Low vapour pressure
- Has an ashless antiwear system
- High thermal stability. Can operate at a maximum discharge temperature of 100°C
- Resists carbon formation on the rotating parts

### Performance Standard:

Meets ISO 6743-3-DAJ

### Typical Specifications:

| Characteristics | Test Method | 32 | 46 | 68 |
|---|---|---|---|---|
| Appearance | Visual | | Bright and Clear (in all grades) | |
| Kinematic Viscosity at 40 °C (cSt) | ASTM D445 | 32 | 46 | 68 |
| Viscosity Index | ASTM D2270 | 140 | 135 | 130 |
| Flash Point °C, Min | ASTM D92 | 220 | 230 | 245 |
| Pour Point °C, Min | ASTM D97 | (-)45 | (-)40 | (-)35 |
| RPVOT, Min | ASTM D2272 | 469 | 469 | 469 |
| FZG LS FAIL CEC-L-07-A-95 | - | 11 | 11 | 10 |
| Water Separability @54 °C, Min | ASTM D1401 | 5 | 5 | 7 |
| Air Release (Min) | ASTM D3427 | 2 | 3 | 4 |

### Environment, Health & Safety:

Every care has been taken to ensure the accuracy of the information in this PDS. This however may be affected by subsequent improvement in product (R&D). MSDS is available for all MOTOROL products on request. MOTOROL products are unlikely to present any health and safety hazard with proper use for the correct application and maintain proper personal hygiene. Do not spill oils on the shop floor, discharge into drains, ground or water sources.

**Quantum Lubricants E.A. Ltd (For Africa)**
Email: saleskenya@motorollubes.com
Website: www.motorollubes.co.ke

**Pacific Lubricants LLC (For Middle East)**
Email: sales@motorollubes.com
Website: www.motorollubes.com


Updated. Sr No. 171/September 19