



Product Data Sheet

Compressor Oils Air Compressor Lubricants

DESCRIPTION

Nemco Compressor Oils were developed to handle the higher speeds and temperatures of modern single and multi-stage air compressors in industrial service. They are available in a range of oil viscosities to cover a majority of air compressor types and oil requirements. Nemco Compressor Oils are suitable for use in compressors that handle air, and inert gases such as nitrogen, argon, hydrogen, neon, helium, carbon dioxide, carbon monoxide, and blast furnace gas.

These oils are formulated with premium grade mineral base stocks of a narrow distillation range. Nemco Compressor Oil contains selected additives to enhance lubricity, anti-wear properties and rust and oxidation inhibitors for cylinder and crankcase lubrication. These oils are recommended for units that have excessive oil degradation problems. Nemco Compressor Oils will minimize valve carbon deposits and crankcase sludge deposits and can be used for all other compressors where non-synthetic, anti-wear, anti-rust, anti-foaming and anti-oxidation functions are required.

Applications

- Reciprocating compressors
- Centrifugal compressors
- Screw (helical lobe) compressors
- Rotary lobe compressors

Meets and/or exceeds

- DIN 51524 PART 2
- ISO 6743 Part 4 HM
- SEB 181 222
- Thyssen TH-N 256-142
- U.S. Steel 127
- Müller Weingarten Press - Hydraulic Oils DTS 55005/13 and 55005/16 (Compressor Oil 46)
- Morgan No-Twist Rod Mill Lubricant

Notes

Compressor oil service life will depend on compressor type and air discharge temperature. Always check your service manual for proper oil selection and service life. NOT recommended for use in breathing air apparatus and medical equipment, and do NOT use in any equipment compressing pure oxygen.

Typical Characteristics – Compressor Oils

| ISO Viscosity Grade | 46 | 68 | 100 | 150 |
|--|---------------|---------------|----------------|----------------|
| Viscosity cSt at 40°C cSt at 100°C | 45.41 6.87 | 68.36 8.53 | 100.9 11.38 | 142.2 13.71 |
| Viscosity index | 98 | 98 | 94 | 91 |
| Pour point °C (°F) | -30 (-22) | -29 (-20) | -26 (-15) | -18 (0) |
| Rust preventative test | Pass | Pass | Pass | Pass |
| Colour D1500 | L1.0 | L1.5 | L2.0 | 3.5 |

Physical characteristics shown in the table are typical and may vary slightly.