

BAHRAIN LUBRICANTS COMPRESSOR OILS PREMIUM

Mineral Oils for Rotary and Reciprocating Air Compressors

DESCRIPTION

BAHRAIN LUBRICANTS COMPRESSOR OIL PREMIUM are premium performance, ashless air compressor oils, based on narrow cut high quality mineral oils. Used in almost all compressors, reciprocating, rotary screw and rotary vane type machines with discharge temperatures up to 150°C in stationary and mobile installations.

APPLICATIONS

BAHRAIN LUBRICANTS COMPRESSOR OIL PREMIUM are designed primarily for rotary screw and vane air compressor, particularly for use in conditions where the discharge temperature does not exceed 100°C, otherwise, the use of synthetic oils is preferred. Suitable for units with a history of excess oil degradation, poor valve performance or deposit formation & are compatible with all metals used in compressor construction and with mineral-oil compatible elastomers used in seals, O-rings and gaskets, compressor systems with critical gears and bearings, units operating under severe conditions. Reciprocating air compressor crankcases and cylinders.

- For screw compressors : BAHRAIN LUBRICANTS COMPRESSOR OIL PREMIUM 32, 46, or 68
- For reciprocating compressors: BAHRAIN LUBRICANTS COMPRESSOR OIL PREMIUM 68, 100 or 150.

BAHRAIN LUBRICANTS COMPRESSOR OIL PREMIUM is not recommended for air compressors used in breathing air applications.

PRODUCT BENEFITS

- Excellent wear protection, offering extended equipment life
- Long-term protection against corrosion
- Reduced frequency of change of filter/ separators
- Highly effective rust and corrosion inhibition
- Allow a good oil/air and oil/condensates separation
- Avoid the carbon build up

RECOMMENDATIONS / SPECIFICATIONS

International Standards: ISO 6743-3 classified DAG & DAB for heavy duty applications, DIN 51 506 VD-L (100 & 150)

Meets or exceeds the requirements of: BAUER, CIRRUS, COMPAIR, DRESSER RAND, NEUENHAUSER, SAUER & SOHN, SULZER BURCKHARDT, TANABE

TYPICAL TECHNICAL PROPERTIES

| ISO Viscosity Grade | 46 | 68 | 100 | 150 |
|--|---------|---------|---------|---------|
| Product code | 12607IL | 12608IL | 12609IL | 12610IL |
| Density at 15°C, g/ml, ASTM D4052 | 0.880 | 0.885 | 0.889 | 0.892 |
| Kinematic Viscosity at 40°C, mm ² /s, ASTM D445 | 46 | 68 | 100 | 150 |
| Viscosity Index, ASTM D2270 | 100 | 100 | 100 | 100 |
| Flash Point(COC), °C, ASTM D92 | 238 | 248 | 276 | 284 |
| Pour Point, °C, ASTM D97 | -27 | -21 | -6 | -6 |
| Rust Characteristics; ASTM D665 | PASS | PASS | PASS | PASS |
| Conradson Residue, %, NF T 60116 | 0.13 | 0.11 | 0.04 | 0.11 |

Note: These characteristics are typical of current production. While future production will conform to current specification, variations in these characteristics may occur.

ATL/PDS/IL/009P/02*, 10.07.22, Page 1/1
* supersedes all previous versions

Health and Safety: Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contact office, or via the Internet. This product should not be used for purposes other than its intended use. If disposing off used product, take care to protect the environment.