

COMPRESSOL HVI ISO-46



Description

BENZOL® Compressol HVI ISO-46 is an advanced fully synthetic ash less air compressor lubricant developed for use in rotary compressors of screw or vane design, reciprocating compressors and centrifugal compressors. Excellent foam suppression properties improve film strength and heat transfer from metal surfaces. Advanced anti-corrosion and anti-oxidation inhibitors minimize the buildup of varnish and carbon while protecting metals from rust and corrosion.



Applications

BENZOL® Compressol HVI recommended for stationary and portable compressors, including compressors with oil lubricated pressure space, such as single and multistage reciprocating compressors or single and multistage centrifugal compressors.

Specifications and Approvals

DIN 51506 VDL.

Technical Specifications

Performance Benefits

- Excellent low volatility characteristics give low oil consumption and reduced top-up rates.
- Meets or exceeds the major OEM requirements.
- Good oxidation stability and water demulsibility.
- Effective control of carbon deposits and sludge formation.
- Resists emulsification.
- Anti-wear and anti-rust properties.
- Minimizes' equipment downtime.
- Effective control of carbon deposits and sludge formation.

Product/Part Number

| | | | |
|------------|---------|------------|---------|
| CO07000333 | 4 x 5 | CO07000323 | 4 x 4 |
| CO07000173 | 12 x 1 | CO07000173 | 24 X 1 |
| CO07000513 | 1 x 20 | CO07000533 | 1 x 25 |
| CO07000563 | 1 x 200 | CO07000573 | 1 x 208 |
| CO07000603 | 1x1000 | | |

| Tests | Method | Results |
|------------------------------|------------|----------------|
| Appearance | Visual | Clear & Bright |
| Water | Hot Plate | Nil |
| Color | D-1500 | L 0.5 |
| Density @ 15 °C, kg/L | D-1298 | 0.8570 |
| Viscosity @ 100 °C, cSt | D-445 | 7.72 |
| Viscosity @ 40 °C, cSt | D-445 | 46 |
| Viscosity index | D-2270 | 135 |
| Flash Point, °C (COC) | D-92 | 222 |
| Pour Point, °C | D-97 | -36 |
| Foam SEQ.I/II/III | D-892 | 0/0/0 |
| Copper Corrosion, 3hrs@100°C | D-130 | 1a |
| Rust Test | D-665(A&B) | Pass |

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other BENZOL products, please visit www.benzollubricants.de

