



marine lubricants

# Compressor Oil EP VDL 100



## Description

Compressor Oil EP VDL 100 is a mineral compressor lubricant, meeting DIN 51506 class VDL specifications and exhibiting high load-carrying capacity and strong aging resistance. Compressor Oil EP VDL 100 is blended from selected high-quality paraffinic base oils, supported with a well-balanced additive package to provide reliable oxidation resistance, corrosion protection and extreme pressure performance.

## Typical Characteristics

|                               |               |
|-------------------------------|---------------|
| <b>ISO Viscosity Grade</b>    | <b>100</b>    |
| <b>MPID</b>                   | <b>219320</b> |
| Density 15°C, kg/l            | 0.89          |
| Flash Point, °C               | 248           |
| Pour Point, °C                | -12           |
| Viscosity, kinematic          |               |
| mm <sup>2</sup> /s @ 40°C     | 100.0         |
| mm <sup>2</sup> /s @ 100°C    | 11.3          |
| Viscosity Index               | 97            |
| Acid No., mgKOH/g             | 0.1           |
| Rust test, distilled seawater | Pass          |
| Copper Corrosion, 3h, 100°C   | 1a            |
| Air release @ 50 °C, min      | 15            |

## Recommended Applications

Compressor Oil EP VDL 100 is recommended for stationary and portable air compressors, operating at compression temperatures up to 220°C, including compressors with oil-lubricated pressure space such as single and multistage reciprocating compressors. Subject to specific OEM recommendations, Compressor Oil EP VDL 100 can also be applied for compression of dry hydrogen or nitrogen.

*Compressor oil EP VDL 100 is not recommended for use in breathing air compressors.*

## Compressor Oil EP VDL 100 Meets The Requirements Of:

- DIN** 51506 VDL
- SMS Group** SN180-2

## Compressor Oil EP VDL 100 Is Recommended By:

- DongHwa Pneutec**
- Hatlapa** V-Line, W-type and L-type
- Howden Compressors**
- Sauer Compressors**
- Sperre**
- Tanabe**
- Hamworthy**



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### Performance Benefits

#### 1. Efficient, Trouble-free Operation

The high temperature oxidation stability of the product resists oil breakdown at high discharge temperatures. This contributes to a low carbon deposit formation tendency on valves and pistons in reciprocating compressors, maintaining compressor performance and keeping discharge lines and air vessels clean, even under severe operating conditions.

#### 2. Rust Protection

Effective corrosion inhibition protects against rust caused by moisture entering the system, particularly during shutdown and intermittent operation.

#### 3. Anti-Foam and Air Release Properties

Prevents accumulation of surface foam in the crankcase and guarantees adequate lubrication of the compressor components.

#### 4. Low Evaporation Loss

The oil's low evaporation rate guarantees minimum consumption.



**Disclaimer.** Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturers so always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS. (September 2020)