Customer benefits

**Potential maintenance and downtime savings**

Low carbon-forming tendency reduces the build-up of harmful deposits on critical areas such as discharge valves, maintaining compressor performance under severe operating conditions. Effective corrosion inhibition protects against rust caused by moisture entering the system, particularly during shutdown and intermittent operation.

**Oxidative and thermal stability**

High temperature oxidation stability resists oil breakdown at high discharge temperatures in compressor crankcase applications.

**Smooth operation**

Effective anti-foam properties of the highly refined base oil and inhibitor system minimize the possibility of foaming and overflow in tanks and reservoirs. Air release properties protect against the interruption of lubrication due to entrained air.

Applications

**Compressor Oil EP VDL** is recommended for:

- Single-stage and multi-stage reciprocating and centrifugal compressors, and oil flooded screw compressors operating at high temperatures of up to 220°C
- Air or inert gas reciprocating compressors
- Stationary, semi-portable and portable units

Not recommended for use in breathing air compressors

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**Product features:**

- **Compressor Oil EP VDL** is a high performance, petroleum-based compressor oil specifically designed for severe operating conditions.

- **Compressor Oil EP VDL** delivers stable high temperature oxidation resistance with reduced deposit formation on pistons and valves, excellent corrosion protection, foam inhibition, and extreme pressure performance.
## Product specifications

<table>
<thead>
<tr>
<th>ISO Grade</th>
<th>32</th>
<th>46</th>
<th>68</th>
<th>100</th>
<th>150</th>
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<tr>
<td>Product Code</td>
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<td>540586</td>
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<tr>
<td>Acid No., D974, mg KOH/g</td>
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<td>Carbon Residue After Ageing, DIN 51352 Part 2, m %</td>
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<td>Flash Point, COC, °C</td>
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<td>Pour Point, °C</td>
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<td>Viscosity, mm²/s @ 40°C</td>
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</tbody>
</table>

### Performance standards

- Meets the test requirements of German Standard DIN 51506 Group VDL
- Compressor Oil EP VDL 100 is recommended by:
  - Tanabe for use in their reciprocating-type compressors
  - Sperre for use in their Classic 30 bar reciprocating air compressors
- Compressor Oil EP VDL 100 is suitable for use in Teikoku air compressors
- Compressor Oil EP VDL 100 has also been used successfully in Hatlapa and Hamworthy air compressors.