

## Mabanol Compressor Oil VDL

### Compressor Oils

#### Application

Mabanol Compressor Oils VDL have proven themselves particularly well in thermally-stressed reciprocating and rotary piston compressors.

Further potential applications are thermally-stressed plain and roller bearings in circulating oil systems, e.g. plastics and rubber calenders, paper machinery, rotary kilns, etc. The accident prevention regulation VBG 16 should be strictly adhered to for compressor operation.

#### Properties

Mabanol Compressor Oils VDL are manufactured from paraffinic base oils with a high natural VI and high flash point.

Good ageing-resistance and minimal residue formation are essential, due to the high temperatures found in many compressors. Mabanol Compressor Oils VDL meet all these requirements. Due to its good temperature-viscosity performance, it ensures good lubrication, not only in the upper temperature ranges, but also when the compressor is cold thus making a major contribution to reducing wear. The refining level of the base oil and its alloys inhibits residue formation at high compression end temperatures. Excellent demulsification and low foaming tendency represent further outstanding characteristics of Mabanol Compressor Oils VDL.

#### Standard

- DIN 51 506-VDL

### Key Data

|                         | Test method  | Unit               | Viscosity classification |       |       |
|-------------------------|--------------|--------------------|--------------------------|-------|-------|
|                         |              |                    | 46                       | 68    | 100   |
| Colour                  | DIN ISO 2049 |                    | L 1,0                    | 1,5   | L 2,0 |
| Density at 15°C         | DIN 51 757   | g/cm <sup>3</sup>  | 0.873                    | 0.877 | 0.881 |
| Kin. Viscosity at 40°C  | DIN 51 562   | mm <sup>2</sup> /s | 45                       | 68    | 99    |
| Kin. Viscosity at 100°C | DIN 51 562   | mm <sup>2</sup> /s | 6.6                      | 8.7   | 11.1  |
| Flash point COC         | DIN ISO 2592 | °C                 | 235                      | 250   | 260   |
| Pourpoint               | DIN ISO 3016 | °C                 | -12                      | -12   | -12   |

The above values may vary within the commercial limits.

Customs Tariff No.: 2710 1981