

# Prista® MVK-1

## Compressor oils

### Description and application

**Prista® MVK-1** compressor oils are designated for lubrication of rotary and piston type compressors with low and medium output capacities, and output air pressures lower than 1000 kP and output air temperatures up to 140°C

These products are formulated from a carefully balanced selection of high-quality solvent refined and hydrotreated base stocks of paraffinic-naphthenic type.

**Prista® MVK-1/100** may be used in oil sealed mechanical vacuum pumps at low vacuum from  $10^2$  to  $10^{-1}$  kPa ( $10^3$  do 1mbar) and non-aggressive gases, where lubricants meeting OCT 3801402-86 & TGL 15291-R910 are required

### Benefits

- Very good oxidation stability
- Dependable corrosion protection

### Specifications

| ISO 6743/3A | ISO- L-DAA                |
|-------------|---------------------------|
| ISO 3448    | VG 32, 100, 150, 220, 320 |
| DIN 51506   | VB and VC                 |

### Typical characteristics

| Parameter                                       | Test Method | Typical Value |       |       |       |       |
|-------------------------------------------------|-------------|---------------|-------|-------|-------|-------|
|                                                 |             | 32            | 100   | 150   | 220   | 320   |
| Density at 20°C, g/ml                           | EN ISO 3675 | 0.868         | 0.883 | 0.889 | 0.893 | 0.895 |
| Kinematic viscosity at 40°C, mm <sup>2</sup> /s | EN ISO 3104 | 32            | 100   | 150   | 220   | 320   |
| Viscosity index                                 | ISO 2909    | 90            | 90    | 90    | 90    | 85    |
| Flash point, COC, °C                            | EN ISO 2592 | 185           | 225   | 235   | 245   | 250   |
| Pour point, °C                                  | ISO 3016    | -17           | -12   | -12   | -12   | -12   |
| Copper strip corrosion, 3h, 100°C               | EN ISO 2160 | 1a            |       |       |       |       |
| TAN, mgKOH/g                                    | ISO 6618    | 0.02          | 0.02  | 0.03  | 0.03  | 0.02  |
| Carbon residue content, %                       | ISO 6615    | 0.05          | 0.12  | 0.20  | 0.35  | 0.45  |

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

### Health, safety and handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit: [www.prista-oil.com](http://www.prista-oil.com)

