

Product information

Meguin Kompressorenoel VDL 46



Description

High-quality mineral-based compressor oil of type VDL according to DIN 51506. Suitable for use in rotary screw and rotary vane compressors. Manufactured from selected solvates and tried-and-tested low-ash additives for very low residue formation and outstanding resistance to aging. Suitable for use in all air compressors with compression final temperatures up to 220 °C.

The specifications and instructions from the unit or machine manufacturer must be followed.

Specification:

Lubricating oil DIN 51506 – VDL

Characteristic data

Increase in coke residues	1,3 g/100g DIN 51352 Teil 1
Color number (ASTM)	L 2,0 DIN ISO 2049

Characteristic data

ISO viscosity class	VG 46 DIN 51519
Density at 15 °C	0,865 g/cm ³ DIN 51757
Viscosity at 40 °C	46,0 mm ² /s ASTM D 7042-04
Viscosity at 100 °C	6,9 mm ² /s ASTM D 7042-04
Viscosity index	105 DIN ISO 2909
Pour point	-30 °C DIN ISO 3016
Flash point	230 °C DIN ISO 2592
Demulgation characteristics at 54 °C	<=30 min DIN ISO 6614
Foaming behavior at 24 °C	60/0 ml ISO 6247
Foaming behavior at 93.5 °C	40/0 ml ISO 6247
Foaming behavior at 24 °C after 93.5 °C	60/0 ml ISO 6247
Copper corrosion	1-125A3 DIN EN ISO 2160
Neutralization number	0,2 mg KOH/g DIN 51558 T1
Oxide ash	<0,01 g/100g DIN EN ISO 6245
FZG gear rig test, standard test A/8, 3/90	Schadenskraftstufe >12, Spez.Gew.Änderung <0,27 mg/KWh DIN 51354
Coke residues according to Conradson	< 0,3 g/100g DIN 51551

Available pack sizes

20 l Canister plastic	6533 DE-EN
200 l Black plate barrel	6521 DE-EN
1.000 l Deposit container	9632 DE-EN