



Hydraulic oils - VHL

Eurol Hykrol EXL ISO-VG 46

Energy saving hydraulic oil

Description

Eurol Hykrol EXL ISO-VG 46 is an energy saving ashless and zinc free hydraulic oil based on a shear stable VI-improver. Because the VI-improver is shear stable and remains stable, the viscosity shall not decrease over time.

Because of the high viscosity index, Eurol Hykrol EXL ISO-VG 46 can be used at lower as well as higher temperatures. At lower temperatures, the viscosity is relatively low, this results in an increased mechanical efficiency. At higher temperatures, the Eurol Hykrol EXL ISO-VG 46 has enough body to be pumped, preventing the oil from leaking back into the pump (or bypass) so that, in essence, the oil does not need to be re-pumped.

The energy saving property of Eurol Hykrol EXL ISO-VG 46 is most significant at extremely high working pressures and relatively high temperatures of the hydraulic system.

The carefully selected combination of base oils and additives in the Eurol Hykrol EXL ISO-VG 46 provide an extremely long lifetime and an excellent oxidation stability. Furthermore, Eurol Hykrol EXL ISO-VG 46 ensures an excellent protection against wear, corrosion and deposits.

Performance level

- DIN 51524/3 (HVLP)
- ISO 6743/4: HV
- ISO 11158: HV
- US Steel 126/127/136
- SS 155434
- SEB 181 222
- Cincinnati Machine P-70
- Denison HF-0/HF-1/HF-2
- Bosch Rexroth RE 90220
- AFNOR NF E 48-603 HL
- Vickers 35VQ25A

Physical properties

Colour	Yellow	
Density at 20°C	0.855 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	47.4 cSt	ASTM D 445
Viscosity, kinematic at 100°C	9.5 cSt	ASTM D 445
Viscosity Index	185	ASTM D 2270
Flash point	227 °C	ASTM D 93
Pour point	-45 °C	ASTM D 97

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