

Eurol Hykrol EXL ISO-VG 32

Energy saving hydraulic oil

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Product information

Eurol Hykrol EXL ISO-VG 32 is an energy-saving, ashless, and zinc-free hydraulic oil based on a shear-stable VI improver. Because the VI improver is and remains shear stable, the viscosity will not decrease in the long term.

Due to the high viscosity index, Eurol Hykrol EXL ISO-VG 32 can be used over a wide temperature range. At low temperatures, the viscosity is relatively lower, increasing mechanical efficiency. At higher temperatures, Eurol Hykrol EXL ISO-VG 32 has enough body to be pumped forward, preventing the oil from leaking in the pump (possible bypass), so it essentially does not need to be re-pumped.

The energy savings of Eurol Hykrol EXL ISO-VG 32 are most significant at very high working pressures and relatively high temperatures of the hydraulic system.

Due to a balanced combination of base oils and additives, Eurol Hykrol EXL ISO-VG 32 has an exceptionally long lifespan due to excellent oxidation stability. Moreover, components are excellently protected against wear, corrosion, and deposits.

Physical properties

Property/Test	Value/Result	ASTM Standard
Color	colourless to slightly yellow	
Density at 20°C	0.8400 kg/l	ASTM D 4052
Viscosity, kinematic at 40°C	30 cSt	ASTM D 445
Viscosity, kinematic at 100°C	7 cSt	ASTM D 445
Viscosity Index	200	ASTM D 2270
Flash Point	229 °C	ASTM D 92
Pour point	-48 °C	ASTM D 97

Performance level

- AFNOR NF E 48-603 HL
- Bosch Rexroth RE 90220
- Cincinnati Machine P-68
- Denison HF-0/HF-1/HF-2
- DIN 51524/3 (HVLP)
- ISO 11158: HV
- ISO 6743/4: HV
- SEB 181 222
- SS 155434
- US Steel 126/127/136
- Vickers 35VQ25A

Eurol B.V., Energiestraat 12, 7442 DA Nijverdal, The Netherlands, tel. +31 88 250 22 00, info@eurol.com, eurol.c

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