



MAKER TELEX HVLP

Description

MAKER TELEX HVLP is a high-performance hydraulic fluid with outstanding viscosity control across a wide range of temperatures. This premium oil will provide you the right protection regardless the operating temperatures. Hydraulic oil suitable for use in hydraulic circuits subject to varying temperatures, exposed to outdoor conditions or low working temperatures.

The additives used to achieve the high viscosity index have also outstanding shear stability feature. The additive does not break down into smaller molecules due to shearing, thus preventing the viscosity to drop dramatically even working under heavy loads protection the equipment against wear. Repsol has been researching in that field to provide a high viscosity index solution with outstanding viscosity retention throughout its lubricant lifespan. Very shear stable additive has been used to improve the performance in our TELEX HVLP compared with reference samples in the market.

Properties

- High viscosity index to work properly in a wider range of operating temperatures.
- Resistance to oxidation, ageing and buildup of Varnish and Sludge thanks to its outstanding antioxidant feature.
- Outstanding stability in presence of moisture. Permits water to readily separate from the oil in the system to avoid rust and emulsions.
- Proven Zinc-based Anti-wear additives and extremely high EP properties.

Quality levels, approvals and recommendations

- IBERCISA* (ISO 46)
- MANULI* (ISO 46)
- DIN: 51524-HVLP (ISO 46)
- ISO: 6743/4 HV, 11158 HV (ISO 46)
- IMS DELTA MATIC* (ISO 46)
- AFNOR: NF ISO 11158 HV, 48-690, 48-691 (ISO 46)
- Fives Cincinnati: P-70 (ISO 46)
- THYSSENKRUPP: 16 (Hidraulicos HVLP)* (ISO 46)

*Formal approval



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Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			46
Viscosity at 100 °C	cSt	ASTM D445	8.3
Viscosity at 40 °C	cSt	ASTM D445	46
Viscosity index	-	ASTM D2270	153
Density at 15 °C	g/cm3	ASTM D4052	0.863
Flash point, open cup	°C	ASTM D92	216
Freezing point	°C	ASTM D97	-39
Water separability at 54 °C	min	ASTM D1401	<30
Rust resistance, method A	-	ASTM D665	Pass
Air release at 50 °C	min	ASTM D3427	10
Corrosion Cu, 3hrs 100 °C	-	ASTM D130	1b
TAN	mg KOH/g	ASTM D664	0.48
No. Neutralisation at 2.000 h	mg KOH/g	ASTM D943	<2
FZG, damage stage	-	DIN 51354	11

The above mentioned characteristics are typical values and should not be considered product specifications.