



# MAKER TELEX HLPD

## Description

High quality oils for hydraulic circuits with excellent dispersant properties. Oils manufactured with top quality bases from paraffinic crude oils subject to solvent refining and hydrofinishing processes which give it high stability against rust and a high viscosity index. The additives used in the formula are of the ashless type.

Its use, being a hydraulic oil with anti-wear additives and enhanced with specific dispersant additives, is recommended for systems working in a very harsh environment where it is difficult to drain off the water contained in the lubricant circuit.

## Properties

- Excellent EP anti-wear properties (FZG).
- Low pour point, which facilitates good pumpability at low temperatures.
- Good anti-rust and anti-corrosion capacity. Does not attack copper and its alloys.
- Resistance to foam formation and easy to release into the air (deaeration).
- High resistance to oxidation. Excellent thermal stability.
- Very good performance with joints and elastomers.
- Excellent dispersant properties.

## Quality levels, approvals and recommendations

• THYSSENKRUPP: (HLPD)\*

• DIN: 51524-HLPD

\*Formal approval

## Technical specifications

	UNIT	METHOD	VALUE
ISO Viscosity Grade			68
Viscosity at 40 °C	cSt	ASTM D445	68
Viscosity at 100 °C	cSt	ASTM D445	8.968
Viscosity index	-	ASTM D2270	98
Pour point	°C	ASTM D5950	-24
Flash point	°C	ASTM D92	246
Corrosion Cu, 3hrs 100 °C	Visual	ASTM D130	1a
Foams: Sec I, II, III formation	mL	ASTM D892	0/10/0
Foam at 24 °C, stability	mL	ASTM D892	0/0/0
Water separability at 54 °C	mín	ASTM D1401	0/0/80 1h

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