

HYDRAU-PLUS HT HVLP 46

HYDRAULIC OILS

321303501



HYDRO TREATED BASED HIGH PERFORMANCE HYDRAULIC FLUID

This is a high-performance hydraulic fluid that utilizes the latest hydro-treated base oil and additive technology. Its special additive pack ensures excellent performance and a long service life. The technology used in this fluid provides excellent viscosity and temperature characteristics, as well as excellent extreme pressure and anti-wear properties, ensuring reliable and trouble-free performance even at high operating temperatures. This product is specifically developed to provide trouble-free operation, especially in cases where conventional hydraulic fluids fail due to sludge and deposit creation at higher temperatures. This fluid is versatile and can be used in various hydraulic applications, light gear boxes, and for general lubrication purposes. It is particularly recommended for high-pressure hydraulic systems or equipment that operate within a wide range of temperatures, where it is essential to maintain viscosity-temperature characteristics even under high shear conditions.

CATEGORY

- Hydraulic Fluids

BENEFITS

- Excellent anti wear protection
- Good emulsifying and air-release properties
- Good anti-oxidation for a long service life up to 10.000 hours
- Lasts up to 3 x longer than the leading conventional hydraulic fluids
- Excellent anti-corrosion properties
- Excellent low & high temperature properties
- No sludge and deposit creation thanks to the absence of aromatics
- Ashless technology (Zinc Free)

PROPERTY

PROPERTY	METHOD	VALUE
Density @ 15 °C, kg/dm ³	ASTM D1298	0.84
Kinematic viscosity @ 40 °C, cSt	ASTM D445	46
Viscosity index	ASTM D2270	165
Flash point, °C	ASTM D92	206
Pour point, °C	ASTM D97	-42
Copper corrosion 3h @ 100 °C	ASTM D130	1a
Rust preventive characteristics	ASTM D665A - ASTM D665B	Pass
Emulsion characteristics, max	ASTM D1401	40-39-I (20)
FZG	DIN 51 354-2	12
Foaming characteristics, 10 min -Sequence I	ASTM D892	Nil
Foaming characteristics, 10 min -Sequence II	ASTM D892	Nil
Foaming characteristics, 10 min -Sequence III	ASTM D892	Nil

All data on this technical data sheet is indicative only

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