

# HYDRAU-PLUS HYDRO-T HLP 46

HYDRO TREATED HYDRAULIC OILS

321302901

**DYADE**  
LUBRICANTS



## HYDRO TREATED BASED HIGH PERFORMANCE HYDRAULIC FLUID

This hydraulic fluid is of high performance and utilizes the latest technology with hydro treated base oil and additive technology. The incorporation of specific additive packs ensures optimal performance and extended service life.

This hydraulic fluid is designed for trouble-free operation in a wide range of hydraulic applications, light gearboxes, and general lubrication purposes. It is formulated with the latest hydro-treated base oil and additive technology to prevent sludge and deposit creation at higher temperatures. With a high viscosity index, it can also perform well in high-pressure hydraulic systems.

## 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 high temperature properties
- No sludge and deposit creation thanks to the absence of aromatics

PROPERTY	METHOD	VALUE
Oil type	DIN 51 502	HLP
Colour	ASTM D1500	1
Density @ 15 °C, kg/dm³	ASTM D1298	0.847
Kin. viscosity, mm² / sec, cSt @ 40 °C	ASTM D445	46
Kin. viscosity, mm² / sec, cSt @ 100 °C	ASTM D445	7.07
Viscosity index	ASTM D2270	112
Flash point, °C	ASTM D92	218
Pour point, °C	ASTM D97	-15
TAN, mg KOH/g	ASTM D664	0.7
Emulsion characteristics, minutes	ASTM D1401	40/40/0
Air release @ 50 °C	ASTM D3427	6
Foaming characteristics, ml Sequence I	ASTM D892	20/0
Foaming characteristics, ml Sequence II	ASTM D892	40/0
Foaming characteristics, ml Sequence III	ASTM D892	20/0
Copper corrosion	ASTM D130	1a
Rust Test	ASTM D665	Pass
FZG	DIN 51 354-2	12
Vickers vane pump test Loss of mass on ring	IP 281	<120
Vickers vane pump test On vanes after 250 hrs, mg	IP 281	< 30

All data on this technical data sheet is indicative only

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