

HYDRAU-PLUS FR E 46

HYDRAULIC OILS

321301701



FIRE RESISTANT HYDRAULIC FLUID

Formulated with high flash point synthetic ester, this long-lasting hydraulic fluid boasts excellent lubricating properties and promotes prolonged equipment life. It complies with ISO 6743/4 standards as a fire-resistant HFDU and ISO 15380 HEES class. This product is ideal for use as a hydraulic fluid in applications operating near heat sources. Moreover, it is highly biodegradable, and minor leaks will not cause contamination. This product is well-suited for hydraulic applications in various industrial processes, such as hot rolling, continuous casting, metal casting, stamping, forging, sintering, thermic treatments ovens, and welding machines. It does not require any special precautions during handling. Moreover, it is compatible with most of the commonly used rubbers in mineral oil circuits, including NBR, except for those in poor condition. However, natural rubbers and polyurethane are not recommended for use with this product.

CATEGORY

Hydraulic Fluids

BENEFITS

PROPERTY

PROPERTY	METHOD	VALUE
Appearance	MD 0	Clear liquid
Viscosity @ 40 °C, mm ² /s	ASTM D445	46
Viscosity @ 100 °C, mm ² /s	ASTM D445	9.13
Viscosity index	ASTM D2270	>180
Density @ 20 °C, kg/dm ³	ASTM D1298	0.925
Flash point C.O.C, °C	ASTM D92	>300
Pour point, °C	ASTM D97	<-30
N.N., mgKOH/g	ASTM D974	<1
Demulsivity, ml/min	ASTM D1401	Max 40/37/3 (30')

METHOD

VALUE

All data on this technical data sheet is indicative only

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