

oilfino Hibis SE



DESCRIPTION

oilfino Hibis SE is formulated and based on a new technology that uses saturated, complex, synthetic esters Substitute for mineral oil-based hydraulic oils used, primarily in civil engineering and in agriculture, forestry and at all hydraulic drives where biodegradable hydraulic oils are required.

PROPERTIES

With its highly effective additives, oilfino Hibis SE protects against corrosion and rust and offers excellent wear protection. The exceptionally high temperature and aging resistance enables very long oil service lives when used in a large Temperature range from -20 °C to 100 °C and briefly up to 120 °C. The improved seal compatibility, also with seals made of NBR and furthermore good compatibility with HNBR, AU and FPM prevents leaks, ensures high system reliability and reduces the risk of water pollution when used in forestry work, coastal work or river digging.

SPECIFICATIONS

- ISO 15380 HEES

PERFORMANCE LEVEL

- EU-Ecolabel: FR/27/002
- Denison HF1, HF2, HF6
- CAT BF-2

Specific Data	Method	Unit	oilfino Hibis SE
Viscosityklasse ISO VG			46
Density at 15°C	ASTM D 1298	kg/m ³	933
Viscosity at 40°C	ASTM D 445	mm ² /s	46
Viscosity at 100°C	ASTM D 445	mm ² /s	8,7
Viscosity index	ASTM D 2270		147
Flash point	ASTM D 92	°C	281
Pour point	ASTM D 97	°C	-43
TOST	ASTM D 943	h	3000
air separation ability 50°C	DIN 51381	Min	1
Neutralization number	DIN 51558	mgKOH/g	0,1
FZG (A/8,3/90)	DIN 51354-2	Stufe	10

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