



PRODUCT INFORMATION

oilfino Hibis SE 46



DESCRIPTION

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

PROPERTIES

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

SPECIFICATIONS

- ISO 15380 HEES

RECOMMENDATION

- AFNOR FR/27/002
- Swedish Standard: SS 15 54 34
- JCMAS HKB (SE 32/ 46) Japan
- Denison HF1/ HF2 and HF6
- David Brown (SE 46)

Specific data	Method	Unit	oilfino Hito SE
Viscosity grade 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
Neutralisation number	DIN 51558	mgKOH/g	0.1
FZG (A/8,3/90)	DIN 51354-2	Stufe	10

All information is provided to the best of our knowledge but without guarantee of any kind. The technical data represent average values and are subject to normal production fluctuations. oilfino reserves the right to improve the products and modify the specification accordingly.