



PRODUCT INFORMATION

oilfino Hibis Bio 46



DESCRIPTION

oilfino Hibis Bio 46 is a biodegradable hydraulic fluid based on synthetic TMP esters for use in construction, agriculture and forestry as well as in all hydraulic drives where biodegradable hydraulic oils are required.

PROPERTIES

oilfino Hibis Bio 46 protects against corrosion and wear in hydraulic systems with all occurring materials with its highly effective additives. oilfino Hibis Bio 46 is largely neutral to paints, varnishes and sealants. Deposits and agglutination are prevented by excellent high-temperature stability and very good cold flow behaviour. It exceeds the requirements for hydraulic oils type HEES according to VDMA 24568 and has a biodegradability of over 90%. oilfino Hibis Bio 46 is compatible with mineral oil-based hydraulic oils, so no conversion problems can occur.

SPECIFICATIONS

- ISO 11158
- marking HV (except oxidation stability D943)
- DIN 51524 part 3
- marking HVLP (except oxidation stability D943)
- SS 155434 category BV
- DIN HEES type. ISO 15380 HEES type
- IFAS positive list of biogenic lubricants
- biodegradable according to CECL33A93

Specific data	Method	Unit	oilfino Hito Bio 46
Viscosity grade ISO VG			46
Density at 20°C	ASTM D4052	Kg/m ³	920
Kinematic viscosity at 40 °C	ASTM D445	mm ² /s	46
Kinematic viscosity at 100 °C	ASTM D445	mm ² /s	9.5
Viscosity index	ASTM D4052		190
Flash point	DIN ISO 2592	°C	370
Pour point	ASTM D97	°C	-39
Water separation assets (40-37-3)	ASTM D1401	max.	30 min.
Corrosion protection copper	DIN 51759	%	1-100 A3
FZG test A/8,3/90	DIN 51354	°C	>12
Biodegradability			>90
Upper operating temperature			130

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.