

HIGHTEC SUNLUB® SYNTH 46

Fully synthetic hydraulic oil for extended oil lifetimes and high system protection. Based on saturated biodegradable esters.

Description

HIGHTEC SUNLUB® SYNTH 46 is a high-performance hydraulic fluid based on high-quality saturated esters for use in mobile hydraulic systems or industrial hydraulic systems. Highly effective EP additives ensure excellent pressure absorption capacity. Thanks to its high and shear-stable viscosity index, the product exhibits outstanding multi-grade characteristics and significantly reduces energy consumption.

Application

HIGHTEC SUNLUB® SYNTH 46 is particularly suitable for use in environmentally sensitive areas such as dredgers or locks. HIGHTEC SUNLUB® SYNTH 46 is also excellent for use in construction and industrial machinery of all types. Especially in forestry, where state-of-the-art harvesters are used, the use of HIGHTEC SUNLUB® SYNTH 46 is recommended.

This product is also recommended when the following filling instructions are required

- DIN 51524 Teil 3
- ISO 15380 HEES
- EATON Brochure 03-401-2010 Rev.1
- JCMAS HK P-041 & -P042

Advantages

- Fully Synthetic
- Zinc- and ash-free
- Very high shear-stable viscosity index
- Pronounced energy-saving potential
- Excellent cold flow characteristics
- Outstanding load-carrying capacity in mixed and boundary friction areas
- Easily biodegradable OECD 301B >60%



Viscosity grades

Characteristic value	Method	Unit	ISO VG 22	ISO VG 32	ISO VG 46
-	-	-	49906-22	49906-32	49906
Density at 15 °C	ASTM D-7042	g/m ³	0,92	0,93	0,93
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	4,6	6,3	8,3
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	21	33	47
Viscosity Index	ASTM D-7042	-	138	144	150
Pour Point	ASTM D-97 / DIN EN ISO 3016	°C	-58	-57	-46
Flashpoint	ASTM D-97 / DIN EN ISO 3016	°C	220	235	240
Biodegradability	OECD 301 B	%	>60	>60	>60

These characteristics are typical for current production. The data does not constitute an assurance of properties or a guarantee of suitability for a specific application. Existing legal provisions and regulations that affect handling and usage of the products must be observed by the recipient of our products. ROWE products are continuously being developed. For this reason, ROWE retains the right to change all technical data in this product information at any time without prior announcement. Our current General Delivery and Payment Conditions apply (www.rowe-oil.com).

