

## HIGHTEC SUNLUB® LONGLIFE 32

Fully synthetic, high-performance hydraulic oil developed for extra-long oil life and high system protection.

### Description

HIGHTEC SUNLUB® LONGLIFE 32 is characterized by optimal smooth running properties. HIGHTEC SUNLUB® LONGLIFE 32 enables significantly extended oil change intervals and has an excellent and permanent multigrade character. Designed for very high and widely varying operating temperatures.



### Application

HIGHTEC SUNLUB® LONGLIFE 32 is specially developed for environmentally sensitive areas such as offshore, marine, construction machinery and forestry. The excellent oxidation stability of HIGHTEC SUNLUB® LONGLIFE 32 guarantees extremely long oil service lives in industrial systems such as plastic injection molding machines or presses. HIGHTEC SUNLUB® LONGLIFE 32 is particularly suitable for heavily used hydrostatic drives and high-pressure hydraulic systems. Due to its excellent wear protection properties, HIGHTEC SUNLUB® LONGLIFE 32 can also be used in spur gears and as a circulating oil for plain and roller bearings.

### Equivalent quality in accordance with EU-law as per

- DIN 51 524-3 - HVLP (TOST wet)
- Chinese specification GB111118.1-2011 L-HV
- ISO 15380 HEPR
- EATON E-FDGN-TB-002-E
- EATON Brochure 03-401-2010 Rev.1
- PARKER Denison HF-0, HF-1, HF-2
- ZF TE-ML 07H

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

- CAT-BF1
- CNH MAT 309
- Danfoss Power Solutions-520L0463
- Komatsu Forest
- Palfinger
- Poclairn Hydraulics

### Advantages

- 100% fully synthetic
- Not Ester based
- Neutral sealing behavior
- Prevents deposits, exceeds the most stringent manufacturer requirements
- High shear-stable viscosity index
- Excellent aging stability in the presence of water
- Excellent filterability in the presence of water
- High system and component protection
- Zinc and ash-free
- Outstanding energy saving potential
- Easily biodegradable, >60% according to OECD 301B

### Recommendation

HIGHTEC SUNLUB® LONGLIFE 32 is recommended for use in hydraulic systems requiring a hydraulic fluid according to ISO VG32.

### Notes

- HIGHTEC SUNLUB® LONGLIFE 32 is miscible and compatible with all zinc- and ash-free mineral oil-based hydraulic oils according to DIN 51524.



## Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.85
Kinematic viscosity KV 100	ASTM D-7042	mm <sup>2</sup> /s	6,5
Kinematic viscosity KV 40	ASTM D-7042	mm <sup>2</sup> /s	32
Viscosity index	ASTM D2270	-	160
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	>200
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-46
Biodegradability	OECD 301 B	%	>60
FZG A/8.3/90 (min)	DIN 51354/2	SKS	>12
LAV	ASTM 3427		<5
TOST	ASTM D943 / wet	h	>1000
Flash point COC	DIN ISO 2592	°C	>200

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](http://www.rowe-oil.com)).

