PRODUCT INFORMATION



HIGHTEC SUNLUB® E 32

Fully synthetic, high-performance hydraulic oil for extended oil life and high system protection. Based on renewable resources. Awarded with the EU ECOLABEL.

Description

HIGHTEC SUNLUB® E 32 allows for greatly extended oil change intervals and has an excellent and durable multi-grade character. Designed for very high and highly fluctuating operating temperatures.



Application

HIGHTEC SUNLUB® E 32 is specially developed for environmentally sensitive areas such as off-shore, construction or forestry. It is particularly suitable for heavily loaded hydrostatic drives and high-pressure hydraulic systems.

Approvals

- EATON E-FDGN-TB-002-E
- EATON Brochure 03-401-2010 Rev.1
- EU Ecolabel NL/027/011

Equivalent quality in accordance with EU-law as per

- DIN 51524-3 HVLP
- ISO 15380 HEPR
- PARKER Denison HF-0, HF-1, HF-2, HF-6e*

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

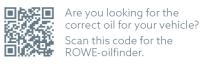
- CAT-BF1
- CNH MAT 309
- Danfoss Power Solutions-520L0463
- Komatsu Forest
 - Palfinger
- Poclain Hydraulics
- Volvo Hydraulics

Advantages

- 100% fully synthetic
- Non-ester based
- · High protection level for the system and components
- · Excellent aging stability in the presence of water
- Excellent filterability in the presence of water
- · Prevents deposits, exceeds stringent manufacturer requirements
- Zinc-free and ash-free
- · High shear stable viscosity index
- Significant energy saving potential
- EU Ecolabel certified

Recommendation

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



PRODUCT INFORMATION



Typical characteristics

Method	Unit	Value
ASTM D-7042	g/ml	0.84
ASTM D-7042	mm²/s	6,2
ASTM D-7042	mm²/s	32
ASTM D2270	-	147
ASTM D-97 / DIN EN ISO 3016	°C	-40
ASTM D 892	ml/ml	10/0
ASTM D 892	ml/ml	20/0
ASTM D 892	ml/ml	10/0
DIN 51 811	Grad	1a
OECD 301 B	%	>60
	%	>50
DIN 51354/2	SKS	>12
ASTM D2272	min.	>1.000
ASTM 3427		4
ASTM D943 / wet	h	>1.000
CEC L-45-A-99	%	4,5
DIN ISO 2592	°C	230
	ASTM D-7042 ASTM D-7042 ASTM D-7042 ASTM D-7042 ASTM D2270 ASTM D997 / DIN EN ISO 3016 ASTM D 892 ASTM D 892 ASTM D 892 DIN 51 811 OECD 301 B DIN 51354/2 ASTM D2272 ASTM D2272 ASTM D943 / wet CEC L-45-A-99	ASTM D-7042 g/ml ASTM D-7042 mm²/s ASTM D-7042 mm²/s ASTM D-7042 mm²/s ASTM D2270 - ASTM D97 / DIN EN ISO 3016 °C ASTM D 892 ml/ml ASTM D 892 ml/ml DIN 51 811 Grad OECD 301 B % DIN 51354/2 SKS ASTM D2272 min. ASTM D943 / wet CEC L-45-A-99 %

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).

> **ROWE MINERALÖLWERK GMBH** Langgewann 101, D-67547 Worms

