

HIGHTEC SUNLUB® SYNTH CLP 100 ECO

Fully synthetic high-performance gear oil based on esters. Biodegradable according to OECD 301B.

Description

HIGHTEC SUNLUB® SYNTH CLP 100 ECO is based on selected fully synthetic base oils and allows a significantly longer service life than mineral oil based products. Service intervals can be extended and maintenance costs can be effectively reduced.



Application

HIGHTEC SUNLUB® SYNTH CLP 100 ECO is particularly suitable for closed industrial gear units, such as spur gear, worm gear units or gear couplings. The selected additives guarantee smooth use in rolling and plain bearings with high pressure loads. HIGHTEC SUNLUB® SYNTH CLP 100 ECO is particularly suitable when a gear oil with higher oil sump temperatures or requirements regarding extended oil change intervals is required.

Specifications

- AGMA 9005-F16
- David Brown S1.53.101
- DIN 51517 CLP
- ISO 12925-1 CKES
- Reintjes Gears
BV1597/2;BV1597/4;BV1917/2;BV1917/4;BV2060/2;BV2060/4
- Schuler Pressen (ex Müller Weingarten) DT 55055 01.2013
- SMS Group SN180-3

Advantages

- Long lasting wear protection
- Very good shear-stable viscosity-temperature behavior
- Excellent thermal stability
- Extended maintenance intervals
- Biodegradable according to OECD 301B
- Outstanding protection against micropitting (GFT High)



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.96
Kinematic viscosity KV 40	ASTM D-7042	mm²/s	100
Viscosity index	ASTM D2270	-	167
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-24
Color		visual	gelblich
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>50
Timken test (O.K. load)	DIN 51 434/3	N	75
FZG A/8.3/90 (min.)	DIN 51351/2	SKS	>12
Copper corrosion 100 A3	DIN 51759	Ranking	1B
Brugger	DIN 51 347 / 2	N/mm²	52

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).

