

HIGHTEC NATSYNC[®] GS 68 PLUS

Environmentally-friendly, high-performance industrial gearbox oil with a pronounced energy efficiency potential. Economical and eco-friendly. Benefit twice and opt for HIGHTECH MIT GUTEM GEWISSEN[®] (Hightech with a clear conscience)

Description

HIGHTEC NATSYNC[®] GS 68 PLUS GS 68PLUS is based on selected high-oleic oils and is significantly superior to mineral oil-based and synthetic gearbox oils in terms of lubricating properties, wear reduction and pressure-viscosity behaviour. The working temperature can be significantly reduced with HIGHTEC NATSYNC[®] GS 68 PLUS GS 68PLUS. Completely stable to shear stress. Free of ash, metals, chlorine and PCB.



Application

HIGHTEC NATSYNC[®] GS 68 PLUS GS 68PLUS is optimised for indoor use in industrial applications. It is particularly suitable for enclosed industry gears such as spur gear clutches, worm gears or gear couplings. The oleic technology guarantees frictionless operation in roller and sliding bearings with high pressure loads. HIGHTEC NATSYNC[®] GS 68 PLUS GS 68PLUS is also common in other areas such as hydraulic systems where a high-performance oil with a higher viscosity is required.

HIGHTEC NATSYNC[®] GS 68 PLUS GS 68PLUS is also particularly suitable for use in the production of food due to its certification as an H1 lubricant.

Approvals

- Haulick + Roos
- H1 (InS Registered No:1796647)

Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0,92
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	68,0
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	13,5
Viscosity index	ASTM D-7042	-	>200
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>50

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe.com.de).

Benefits

- cost-efficient
- high natural viscosity index throughout the entire service life
- lowers the working temperature
- longer product life
- readily biodegradable, OECD 301B ~60%
- > 80% share of CO₂-neutral base oils
- climate-friendly, sustainable environmental protection

Recommendation

HIGHTEC NATSYNC[®] GS 68 PLUS GS can be used for any application where oils of the following grades are already in use: CLP 46, CLP 68, HLP46, HLP 68, HLP 100, HVLP 68, HEES 68

Notices

Certified for use in the food industry. Designed for indoor use in industrial applications from an operating temperature of 0°C or higher. Rinse the gears in advance before changing to NatSync[®]GS 68PLUS.

