

HIGHTEC NATSYNC® GS 68

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 GS 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 GS. Completely stable to shear stress. Free of ash, metals, chlorine and PCB.



Application

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

Approvals

- Arburg
- H1 (InS Registered No:1796645)

Advantages

- 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 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

Notes

- 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 gearbox and gears in advance before changing to NatSync®GS.



Typical characteristics

Property	Method	Unit	Value
Density at 15 °C	ASTM D-7042	g/ml	0.93
Kinematic viscosity KV 100	ASTM D-7042	mm ² /s	>13
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	>73
Viscosity index	ASTM D2270	-	180
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	220
Biodegradability	OECD 301 B	%	>60
Renewable Resource Content		%	>50

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).

