



PG Synth Gear FG

FULLY SYNTHETIC GEARBOX OIL

PG Synth Gear FG is a polyglycol-based lubricant, primarily intended for use in extreme temperatures and loads. It is based on material certified for incidental food contact and is registered as H1. PG Synth Gear FG is recommended for spur gears and worm drives where longer replacement intervals and lower running temperatures are wanted. In continuous operation PG Synth Gear FG can be used in temperatures between 248 - 392 °F; 120 - 200 °C. It can be used for lubricating of sprockets, sliding surfaces and roller bearings and other high temperature applications, especially with ISO 320 – 680.

NB! Cannot be mixed with mineral oils and some synthetic oils!

Characteristics

Very good temperature properties
Very good load properties
High termic and mechanical stability
Endures long replacement intervals
Very good corrosion prevention
Resists micropitting
Food grade

Applications

Spur gears
Worm drive
Planetary gears

Technical data

ISO grade		150	220	320	460	680
Colour		Transparent/yellowish				
Viscosity at 40°C, mm ² /s	ISO 3104	150	220	320	460	680
Viscosity at 100°C, mm ² /s	ISO 3104	25	42	61	83	123
Vicosity index	ISO 2909	>230	>230	>250	>250	>250
Flash point, °C	ISO 2592	>280	>280	>280	>280	>280
Working temperature range		-35 - +280°C				
Density @ 15 °C (kg/cm ³)	ISO 3675	1057	1057	1062	1067	1089
Product code		2450-150	2450-220	2450-320	2450-460	2450-680

The products are H1 registered: InS No. 1797325–29

SDS - Saftey Data Sheet

Available from www.cargo-oil.se or by phone +86 2159950582

Standard packages

- 210 litre drum
- 60 litre drum
- 20 litre pail
- 5 litre can

