

FOOD-PLUS GEAR PAG GEN 100

FOODGRADE GEAR OILS

323502901



FOOD GRADE SYNTHETIC OIL

This product is a food grade premium performance lubricant based on polyalkylene glycol.

The product is designed to lubricate bearings and enclosed gear drives operating under severe load conditions. It is also suitable for hydraulic systems in cocoa presses, coconut mills, etc. in the food processing plants.

CATEGORY

- Gear Oils

BENEFITS

- Extremely good oxidation stability extending lubricant life
- Excellent water resistant properties, demulsibility ensures total separation of water from oil
- Adhesive
- Penetrates to chain links and pins reducing wear and extending chain life
- Non-dripping
- Protects from corrosion even in presence of alkali materials
- Extremely wide temperature range
- Excellent resistance to high loads
- Less friction, resulting in lower oil temperatures
- Lower energy consumption resulting in a lower carbon footprint

PROPERTY	METHOD	VALUE
ISO Viscosity Grade	ISO 3448	100
Density @ 20 °C, kg/dm ³	ASTM D1298	1
Viscosity @ 40 °C, mm ² /s	ASTM D445	90-110
Viscosity @ 100 °C, mm ² /s	ASTM D445	18
Viscosity index	ASTM D2270	200
Flash point, °C	ASTM D92	>210
Pour point, °C	ASTM D97	<-40
Rust Test A (distilled water)	ASTM D665	Pass
Rust Test B (sea water)	ASTM D665	Pass
FZG A/8.3/90 Load stage	DIN 51 354	12
Copper Corrosion 3h @ 100 °C	ASTM D130	1a
TAN, mg KOH/g		0.8-1.2
FAG FE8 roller weight loss, mg		<12
4 ball wear 1 h 40kg scar diameter, mm		0.3
4 ball weld load 10 sec 1770 rpm, kg		140
Air Release @ 50°C, min		10
Foam test Seq I, II, III, ml		<20/0
Temperature range, °C		-35 to 160

All data on this technical data sheet is indicative only

202505V01



DYADE LUBRICANTS B.V.
TYPOGRAAF 16 | 6921 VB DUIVEN
THE NETHERLANDS

0031 (0) 316 745 745
INFO@DYADEGLOBAL.COM
WWW.DYADEGLOBAL.COM

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