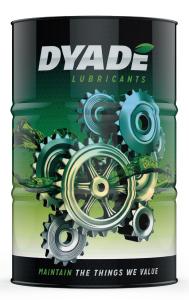
## **FOOD-PLUS GEAR PAG GEN 1000**

FOODGRADE GEAR OILS 323501401



DDODEDTV

## SYNTHETIC GEAR AND CHAIN OIL FOR THE FOOD **INDUSTRY**

The product line comprises high-performance synthetic food grade gear oils that are ideal for lubricating gearboxes, reduction units, drive chains, and conveyor chains, providing long-lasting performance. These fluids are engineered to offer excellent anti-wear properties, high stability against oxidation, and a low pour point. They resist mechanical shearing and remain stable during aging, exhibiting favorable viscosity-temperature characteristics. The fluids are also adhesive, which effectively prevents wear during startup operations. Additionally, the product is NSF H1 registered, making it safe for incidental food contact. The primary purpose of this product is to lubricate gearboxes, bearings, endless screws, circulating systems, and conveyor chains (up to 240°C). It is particularly suitable for use in very humid environments as it remains impervious to water.

VALUE

PRUPERIT	METHOD	VALUE	
Colour	Visual	Colorless	
Density @ 20 °C, kg/dm³	ASTM D1298	1.089	
Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	1000	
Viscosity @ 100 °C, mm²/s	ASTM D445	163	
Viscosity index	ASTM D2270	284	
Flash point, °C	ASTM D92	296	
Pour point, °C	ASTM D97	-30	
TAN, (max) mg KOH/g	ISO 6618	0.2	
Copper Corrosion	ASTM DI30	Pass	
4-ball Wear, 1200 rpm, 75°C, 40kg	ASTM D4172	0.3	
4-ball Weld load, kg	ASTM D2783	260	
Rust Test		Pass	
FZG load stage	DIN 51 354	> 12	
NSF approval, H1		Pending	
Kosher approved		YES	
Halal approved		YES	
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METHOD



## **CATEGORY**

Gear Oils

## **BENEFITS**

- Extremely good oxidation stability extending
- 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
- Extremely wide temperature range
- Excellent resistance to high loads



