

# FOOD-PLUS GEAR PAO GEN XTR 100

FOODGRADE GEAR OILS

323502601

**DYADE**  
LUBRICANTS



## SYNTHETIC AND FOOD GRADE CIRCULATION OIL FOR PAPER MACHINES

Fully synthetic food grade circulation oil particularly suited for the paper industry. It contains special additives that ensure maximum protection of gears and bearings and is absolutely non-toxic. This product is the first food grade product applied in high-output paper machines in Europe, giving paper factories a competitive edge as a key supplier to food and dairy processing companies and other multinationals for which food safety is key. The product has been developed together with the world's leading paper industry companies and service operators.

The product is a circulation oil for high-speed paper machines.

## CATEGORY

■ Gear Oils

## BENEFITS

- Extremely good oxidation and thermal stability ensuring trouble free operation
- Unaffected by water – demulsibility ensures total separation of water from oil
- Synthetic oil with HVI ensures reduced viscosity change with temperature increase for enhanced production in the event of temperature fluctuations
- Rested with UV tracer for camera detection configurations
- Excellent rust and corrosion control
- Maintenance friendly

PROPERTY	METHOD	VALUE
Density kg/dm <sup>3</sup>	ASTM D1298	0.83
Appearance	Visual	Fluorescent yellow
Viscosity @ 40 °C, mm <sup>2</sup> /s	ASTM D445	100
Viscosity index	ASTM D2270	>140
Flash point, °C	ASTM D92	250
Pour point, °C	ASTM D97	<-50
Water Separability, ml oil/ml water/ml emulsion	ASTM D1401	40/40/0 (30 min)
Demulsibility 20 min. @ 82 °C	ISO 6614	40/38/2
Foaming	ASTM D892	Nil
Copper corrosion	ASTM D130	1b
FZG A/8.3/90 Load stage	DIN 51 354	12+
4-ball wear welding load - Wear scar dia, 1200 rpm, 75C, 40 kg, mm	ASTM D4172	<0.4
4 ball weld load, 1770 rpm, 10 sec, kg	ASTM D2783	250
Kosher approved		Yes
Halal approved		Yes

All data on this technical data sheet is indicative only

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