

# FOODMAX GEAR PAO 220 PREMIUM

Product code: 263501901

## 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 and NSF H-1 registered for incidental food contact. 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.

### Benefits & Advantages

- 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; Matrix Specialty Lubricants will assist in setting up a comprehensive fluid monitoring system with end users and service companies

### Applications

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

### Storage

While storing keep away from (sun)light.

### Typical Performance Data



Typical	Test Method	Value
Density, kg/l	ASTM D1298	0.85
Appearance	Visual	Fluorescent yellow
Kinematic viscosity @ 40 °C, cSt	ASTM D445	218
Viscosity Index	ASTM D2270	>145
Flash point, °C	ASTM D92	280
Pour point, °C	ASTM D97	-35
Demulsibility 30 min.	ASTM D1401	40/40/0
Demulsibility 20 min. @ 82 °C	DIN ISO 6614	40/38/2
Foaming	ASTM D892	Nil
Copper corrosion	ASTM D130	1b
FZG, stage	DIN 51354	13
4-ball wear welding load		
• Wear scar dia, 1200 rpm, 75C, 40 kg, mm	ASTM D-4172	<0.4
• Welding load, 1760 rpm, 10 sec, kg	ASTM D-2783	250

All performance data on this Technical Data Sheet are indicative only and can vary during production.