



Foodmax Gear PAO

Synthetic and food grade gear oil

Description

Range of fully synthetic food grade gear oils particularly suited for the lubrication of drive chains, conveyor chains, gearboxes and reduction units. Foodmax Gear PAO contains special additives that extend relubrication intervals.

Foodmax Gear is InS and NSF H1 registered for incidental food contact.

Benefits

- Extremely good oxidation stability which extends lubricant life
- Unaffected by water – demulsibility ensures total separation of water from oil
- Adhesive additives coat gears and provide anti-wear protection at start-up
- Synthetic oil with HVI ensures reduced viscosity change with temperature increase

Foodmax Gear PAO is also suitable for chain lubrication:

- Penetrates to links and pins reducing wear and extending chain life
- Adhesive additives ensure non-drip, no fling thus providing lasting lubrication
- Excellent adhesive characteristics ensures a high degree of water resistance and protects parts from corrosion even in the presence of alkali materials commonly associated with the food industry
- Extremely wide temperature range ensures maximum application versatility

Applications

For gearboxes and reduction units and drive and conveyor chains. For optimum performance, drain gearbox of previous lubricants.

Typical performance data

	Test method	100	150	220	320	460	680	1000
Appearance		Clear	Clear	Clear	Clear	Clear	Clear	Clear
Kinematic viscosity @ 40 °C, cSt	ASTM D4451	101	149	218	322	485	682	998
Viscosity index	ASTM D2270	138	136	135	134	133	136	138
Flash point, °C		260	275	280	280	280	282	284
Pour point, °C		-40	-35	-35	-30	-30	-30	-28
Demulsibility, 30 min.	ASTM D1401	40-37-3	40-37-3	40-37-3	40-37-3	40-37-3	40-37-3	40-37-3
Foaming	ASTM D892							
• Sequence I		Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Sequence II		Nil	Nil	Nil	Nil	Nil	Nil	Nil
• Sequence III		Nil	Nil	Nil	Nil	Nil	Nil	Nil
Copper corrosion	ASTM D130	1b	1b	1b	1b	1b	1b	1b
FZG, stage		12	12	12	12	12	12	12

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

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