



Foodmax Gear

Food grade gear oil

Description

Food grade range of lubricants for gears, bearings and transmissions.

Foodmax Gear is a range of lubricants in which a combination of the latest base stock technology together with special additives has resulted in a very high performance. All base material used for the formulation is non-toxic and food grade.

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

Applications

Thanks to its great performance characteristics and carefully chosen additives, Foodmax Gear oils can be used in most applications in the manufacturing process in the food production and processing industry.

Foodmax Gear oils are developed for the lubrication of gears and gearboxes, conical and helical gears, bearing, chains, screws, joints and in general any application requiring a viscosity from ISO 68 up to 460.

Typical performance data

	68	100	150	220	320	460
Colour	Colourless					
Density @ 20 °C, gr/ml	0,862	0,868	0,868	0,871	0,875	0,876
Viscosity @ 40 °C, cSt	66	98	148	226	328	450
Viscosity @ 100 °C, cSt	9,8	12,7	16,5	21,1	28,0	37,6
Viscosity index	130	116	113	116	118	121
Pour point, °C	-12	-12	-12	-12	-12	-18
Flash point, °C	206	220	253	254	256	230
Demulsibility index, 30 min.	40/40/0	40/40/0	40/40/0	40/40/0	40/40/0	40/37/3
Copper corrosion, 3h/100 °C	1a	1a	1a	1a	1a	1a
Steel corrosion (distilled water)	Pass	Pass	Pass	Pass	Pass	Pass
4-ball wear test						
• Welding load, kg	160	160	160	160	160	160
• Wear scar dia, 20 kg, 54 °C, 1800 rpm, 1 hr	0,25	0,25	0,25	0,25	0,25	0,25
FZG value	12	12	12	12	12	12
InS approval	-	-	1794799	1794800	1794801	1794802
NSF approval	-	-	138236	138235	138234	138233
Kosher	Yes	Yes	Yes	Yes	Yes	Yes

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

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