

PRODUCT DATA SHEET



MIN-GEAR Food Grade Series

Mineral Oil based Gear Lubricant

FG
FOOD GRADE

MIN-GEAR Food Grade is a premium USP Grade white oil with additives that create an ideal formulation for gear and bearing applications in baking, food production, canning, bottling, dairy and packaging industries.

MIN-GEAR Food Grade series are suitable for gearboxes and drives in production machinery, power transmission systems, and other applications.

MIN-GEAR Food Grade series meet FDA requirements for use where incidental contact with food is possible and is NSF Registered, H1.

Properties / Characteristics	MIN-GEAR Food Grade				
ISO Grade	150	220	320	460	680
Viscosity @40°C, cSt @100°C, cSt	190 18.3	190 18.3	313.4 24.9	452.6 33.7	640 43.0
Viscosity Index	97	97	102	110	111
Flash Point, °F (°C)	428 220	428 220	464 240	374 190	446 230
Pour Point, °F (°C)	-14 -25	-14 -25	-11 -24	-9 -23	-4 -20
Copper Corrosion Test	1a	1a	1a	1a	1a
Specific Gravity	0.88	0.88	0.88	0.89	0.90
NSF Registered H1	(#156770)	(#156771)	(#156772)	(#156773)	(#156774)



Nonfood Compounds
Program Listed: H1
Registration