



Technical Product Information

FOOD MACHINERY GEAR OIL

PREMIUM QUALITY FOOD MACHINERY GEAR OIL
NSF H-1 CERTIFIED



Product Description: FM CHAIN OIL is manufactured from a combination of high quality HVI solvent-extracted dual hydrogenated paraffinic base oils and selected synthetic base oils. These are fortified with food grade antiwear agents and a food grade tackiness agent to impart maximum antiwear and clinging characteristics.

Features:

- Full film lubrication provided to protect gears.
- Provides rust and oxidation protection to internal gears and bearings.
- Foam resistance qualities provide longer gear and bearing life.
- Does not thin out at high temperatures.
- Compatible with other food grade gear oils.
- Crystal clear color.
- No odor.
- Meets FZG Gear Test requirements.
- ISO 220 complies with AGMA No.5 and ISO 460 complies with AGMA No.7 compounded specifications. ISO 680 complies with AGMA No. 8 compounded specifications.
- Certified Kosher and Pareve for Passover.

Typical Uses:

- Worm gears on industrial equipment requiring food grade gear oils.
- Industrial bronze gears.
- Spiral bevel and double reduction gears.
- Moderately loaded industrial spur, herringbone, helical and bevel gear sets.
- Flexible couplings.
- Can be used in applications both above and below the food line.
- For use in mist applications not requiring mist control.
- For use in rotary steamers and valves up to 300°F.
- Complies with 172.878 of title 21 of the Code of Federal Regulations. (FDA).

Typical Specifications:

GRADE ISO	220	460	680
Gravity °API	32.7	28.5	28.4
Flash Point, °F	510	575	580
Fire Point, °F	630	595	600
Pour Point, °F	+15	+20	+20
Viscosity:			
cSt. @ 40°C	203.9	453.3	675
cSt@100°C	20.4	31.6	51.8
Viscosity Index	117	101	133
Color, Saybolt	30+	30+	30+

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.