



FOOD MACHINERY GEAR OILS

NSF H-1 & H-2 APPROVED FOOD MACHINERY GEAR OILS



Product Description: GUARDIAN FOOD MACHINERY GEAR OILS are manufactured from high VI, food grade severely hydroprocessed paraffinic base oils fortified with anti-wear, rust & corrosion inhibitors, and foam inhibitors. Designed for use where H-1 & H-2 gear oils are required.

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.
- Compatible with other food grade gear oils.
- Passes the Water Separability (D 1401) and Seal compatibility (DIN 53538) requirements.
- Meets CM Thermal Stability (D 2070) & FZG Test (D 5182) requirements.
- Passes Steel Corrosion (D 665, method A) requirements.
- Passes 4 Ball wear & wear requirements.
- Certified by NSF H-1 & H-2, Kosher and Halal.

Advantages and 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 rotary steamers and valves up to 300°F.
- Complies with 178.3570 of title 21 of the Code of Federal Regulations. (FDA).

Typical Specifications:

| TEST | 220 | 460 | 680 |
|-----------------------|--------------|--------------|--------------|
| Product Number | 34270 | 34271 | 34272 |
| Gravity °API | 32.7 | 28.5 | |
| Flash Point, °C | 230 | > 235 | |
| Pour Point, °F. | - 13 | - 10 | |
| Viscosity: | | | |
| cSt @ 40°C. | 203.9 | 453.3 | |
| cSt @100°C. | 20.4 | 31.6 | |
| Viscosity Index | 117 | 101 | |
| Color, Saybolt | 30+ | 30+ | |

Note: 220 and 460 are NSF H-1 and NSF H-2 approved.

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY