

# 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 weld & 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
<b>Product Number</b>	<b>34270</b>	<b>34271</b>	<b>34272</b>
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**