



H-1 FOOD MACHINERY LUBRICANT



◆ Formulated For USDA Requirements

Texas Refinery's H-1 FOOD MACHINERY LUBRICANT is a premium, non-toxic gear lubricant for use in food processing or packaging plants, meat, poultry and fish processing plants, beverage and bottling plants, dairies and creameries, candy and snack plants and the pharmaceutical industry requiring a food-grade, quality product. This product is formulated for the NSF H-1 specification for incidental contact with food, and complies with past USDA guidelines for food contact listed in CFR Title 21 Part 178, Section 178.3570.

◆ Excellent Load-Carrying Capacity

H-1 FOOD MACHINERY LUBRICANT has outstanding load-carrying capacity for enclosed gear sets, gear drives and reduction gears which are located in a sensitive area of a food processing operation. It can also be used in hydraulic or circulating systems, air compressors, on slides and guides, and on chains that require an ISO 150 or 220 lubricant. H-1 FOOD MACHINERY LUBRICANT helps food and beverage processors, who are constantly trying to find ways to boost productivity, achieve exceptional lubrication and long service life of the fluid and their equipment.



◆ Fortified With Additional Additives

In addition to the load-carrying capabilities, H-1 FOOD MACHINERY LUBRICANT is also fortified with additives for: Anti-Wear, Rust and Corrosion Protection, Water Separability, Foam Control and Oxidation Stability. Formulating these additional additives into H-1 FOOD MACHINERY LUBRICANT, combined with no-charge oil analysis on this product through an outside, independent laboratory, provides manufacturers and processors with the tools needed to operate efficiently and reduce downtime.

◆ Additional Customer Benefits

H-1 FOOD MACHINERY LUBRICANT offers additional value and benefits:

- Inhibiting Oxidation - high oxidation stability will help protect against oil thickening and sludge formation.
- Long Oil Service Intervals
- Rust Protection for wet environments
- Variety of applications help to reduce inventory



◆ Other Industries

Industries other than food and beverage processing and pharmaceutical benefit from using the H-1 FOOD MACHINERY LUBRICANT. Other areas that may need a water white, non-toxic gear lubricant include water treatment plants, organic farms, hospitals, chicken house operation, Army Corp of Engineers or other companies working near water, breweries, feed lots, grain elevators and textile plants.

**Made In The
U.S.A.
Since 1922**

H-1 FOOD MACHINERY LUBRICANT

	ISO 150	ISO 220
Product Code	8210	8211
Viscosity, cSt at 40° C	150.0	220.0
Viscosity, SUS at 100° F	795	1185
Viscosity Index	104	112
Pour Point, °F	5	5
Flash Point, °F	460	440
API Gravity	30.6	30.1
Rotating Pressure Vessel Oxidation Test, ASTM D-2272 @ 150°C, onset of Induction time	1000 min.	1000 min.
Four Ball Wear, ASTM D-40 kg, mm wear	.39	.39
Four Ball EP, ASTM D-2783		
Weld Point, Kg	160	160
Foam Test, ASTM D-655B	None	None
Color	Water White	Water White
NSF H-1	NSF #143758	NSF #143759

Contains no known allergens and is not manufactured with any nut or soy oils or derivatives or any milk ingredients or derivatives

TEXAS REFINERY CORP

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