



FOOD MACHINERY HYDRAULIC OILS

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



Product Description: GUARDSMAN FOOD MACHINERY HYDRAULIC 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 may be required.

Features:

- Versatile, premium oil for many food grade applications.
- Thermal & oxidation inhibition prevents oil thickening.
- Protects against wear & scuffing in hydraulic pumps
- Wet and dry filtration performance. Outstanding rust performance.
- Superior demulsibility characteristics.
- Low acidity & excellent water separation.
- Compatible with other food grade gear oils.
- Meets Eaton I-286-S, Parker Denison HF-1, HF-2, DIN 51524-2 specification.
- Meets FZG (D 5182) & 4 Ball Wear Test (D4172 – mod) requirements.
- TOST life (D 943) above 10,000 hrs.
- Seal Compatible.
- Certified by NSF H-1, Kosher and Halal.

Advantages and Uses:

- Recommended for vane, gear and piston type hydraulic pumps operating over 4000 psi.
- Widely used in bakery, beverages, canning and meat packaging operations as well as injection molding machines, circulating system and hydraulic control system for food grade applications.
- Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors and moderately loaded gear sets.
- Meets major hydraulic pump manufacturers' specification: Eaton Vickers, Parker Denison, and DIN.
- Complies with 178.3570 of title 21 of the Code of Federal Regulations. (FDA).

Typical Specifications:

TEST	32	46	68	100
Product Number	34260	34261	34262	34263
Gravity, °API	32.0	31.7	31.4	30.0
Flash Point, °F.	360	380	400	440
Pour Point, °F.	- 27	- 30	- 15	- 13
Viscosity:				
cSt @ 40° C.	31.5	46.6	70.4	99.2
cSt @ 100° C.	5.51	7.08	9.14	12.42
Viscosity Index	112	110	105	119
Color, Saybolt	30+	30+	30+	30+

Note: All hydraulic oils listed are NSF H-1 & H-2 approved.
VALUES SHOWN HERE ARE TYPICAL AND MAY VARY