



FOOD MACHINERY HYDRAULIC OIL

NSF H-1 CERTIFIED



Product Description: FM HYDRAULIC OIL is manufactured from high VI food grade paraffin base oil fortified with anti-wear, corrosion, oxidation, and foam inhibitor to provide maximum protection to motors and hydraulic systems used in the food and beverage industry.

Features:

- Versatile, premium oil for many food grade applications.
- Oxidation inhibitor prevents oil from thickening.
- Protects against wear & scuffing in hydraulic pumps.
- Minimum stray mist when used in airline lubricators.
- Protects against rust and corrosion.
- Foam inhibited to prevent pump cavitation.
- Superior demulsibility characteristics.
- Sperry Vickers V104C Denison HF-1, HF-2, HF-0.
- Cincinnati Milacron.
- FZG Gear Test.
- Certified Kosher and Pareve for Passover.

Typical Uses:

- Recommended for vane, gear, and piston type hydraulic pumps operating over 1000 psi.
- Also recommended for hydraulic pumps operating at lower than 1000 psi.
- Widely used in bakery, beverage, canning and meat packing operations as well as plastic injection molding machines, circulating systems, and hydraulic control systems for food grade applications.
- Used in lubrication of plain and anti-friction bearings, airline lubricators, reciprocating air compressors, and moderately loaded gear sets.
- Meets all major hydraulic pump manufacturers
- Specifications: Vickers, Oilgear, Pesco, DeLaval, Denison, Racine, Hydreco, Sunstrand, Dynex, John Barnes, Bellows and Valvair.
- Conforms with 172.878 & 178.3620 of Title 21 of the Code of Federal Regulations.

Typical Specifications:

	32	46	68	100
Gravity, °API	32.0	31.7	31.4	30.0
Flash Point, °F.	360	380	400	440
Fire Point, °F.	400	420	440	480
Pour Point, °F.	10	15	15	20
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

CONTAINS ADVANCED HIGH PERFORMANCE ADDITIVE CHEMISTRY

VALUES SHOWN HERE ARE TYPICAL AND MAY VARY.