GUARDSMAN FOOD MACHINERY HYDRAULIC/AIRLINE OIL

Product Description:

GUARDSMAN FM HYDRAULIC/AIRLINE OILS are manufactured from high VI food grade severely hydroprocessed paraffinic base oils fortified with anti-wear, rust and corrosion inhibitors and foam inhibitors. Designed for use where H-1 & H-2 gear oils may be required.

Typical Uses:

- Recommended for vane, gear, and piston type hydraulic pumps operating over 4000 PSI.
- Widely used in bakery, beverage, canning, and meat packing operations as well as plastic injection moulding 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 major hydraulic pump manufacturers specifications: EatonVickers, Parker Denison and DIN.
- Conforms with 178.3570 of Title 21 of the Code of Federal Regulations.

Features:

- Operating temperature range -9°C to 149/150°C.
- Versatile, premium oil for many food grade applications.
- Thermal & oxidation inhibition prevents oil thickening.
- Protects against wear and scuffing in hydraulic pumps.
- Wet & dry filter performance.
- Outstanding rust performance.
- Superior demulsibility characteristics.
- Meets specification:
  Eaton I-286-S
  Parker Denison HF-1, HF-2
  DIN 51524-2
- Meets FZD (D5182) & 4 Ball Wear Test (D4172-mod) requirements.
  Certified Kosher and Halal.
- **MPI** Approved C 15
- **NSF H-1** certified.

Typical Properties

GRADE, ISO	32	46	68	100
Gravity, °API	32.0	31.7	31.4	30.0
Flash Point, °C (COC)	182	193	204	227
Fire Point, °C	204	215	227	249
Pour Point, °C	-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
Colour Saybolt	+30	+30	+30	+30

Contains advanced high performance additive chemistry

Values are typical and may vary