

HYDRAULIC FG

Synthetic Hydraulic Oils



DESCRIPTION

HYDRAULIC FG oils are NSF H1 registered lubricants formulated from medicinal white oil.

RECOMMENDED APPLICATIONS

Lubrication of hydraulic systems in the Food processing, Cosmetic and Pharmaceutical industries within a temperature range of -15 to 120 °C.

SPECIFICATIONS / APPROVALS

- **HYDRAULIC FG 32** oil is NSF H1 certified: Registration number 151711.
- **HYDRAULIC FG 46** oil is NSF H1 certified: Registration number 139812.
- **HYDRAULIC FG 100** oil is NSF H1 certified: Registration number 141163.
- **HYDRAULIC FG 46** and **FG 100** are Kosher, and Halal certified.
- **HYDRAULIC FG** oils meet the FDA - 21 CFR 178.3570 specifications and can be used in mechanical systems where direct contact with the lubricant cannot be avoided.

ADVANTAGES

- Oxidation stability.
- EP and anti-wear qualities.
- Excellent demulsibility (water).
- Excellent protection against corrosion.
- Neutrality in relation to seals.
- Excellent anti-foam properties.

TECHNICAL INFORMATIONS

Characteristics	Standards	FG 32	FG 46	FG 100	Units
Viscosity at 40 °C	ISO 3104	32	46	100	cSt
Viscosity at 100 °C	ISO 3104	7	9	15	cSt
Viscosity index	ISO 2909	≥ 140	≥ 140	155	
Pour point	ISO 3016	-10	-10	-10	°C
Flash point	ISO 2592	> 190	> 190	> 190	°C
Four ball test wear	ISO 20623	< 0.5	< 0.5	< 0.5	mm
Four ball test load	ASTM D 2596 - B	160	160	tbd	kg
FZG test Stage	DIN 51354	tbd	> 10	> 10	
Copper corrosion 3 h / 100 °C	ISO 2160	1a	1a	1a	

The specifications are given for information purposes only and may need to change.