

## HYDRAULIC FG 46

Synthetic Hydraulic Oil

### DESCRIPTION

**HYDRAULIC FG 46** is an NSF H1 registered lubricant formulated from medicinal white oil.

### APPLICATIONS

**HYDRAULIC FG 46** is recommended for the lubrication of hydraulic systems in the Food processing, Cosmetic and Pharmaceutical industries within a temperature range of -15 to 120 °C.

**HYDRAULIC FG 46** oil is NSF H1 certified: Registration number 139812.

**HYDRAULIC FG 46** is Kosher, and Halal certified.

**HYDRAULIC FG 46** meets 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 INFORMATION

NAME	UNITS	METHOD	HYDRAULIC FG 46
Viscosity at 40°C (104°F)	cSt	ISO 3104	46.0
Viscosity at 100°C (212°F)	cSt	ISO 3104	9.0
Viscosity Index	-	ISO 2909	≥ 140
Flash point	°C	ISO 2592	>190
Pour point	°C	ISO 3016	-10.0
4 Ball test - Wear scar	mm	ISO 20.623	< 0.5
4 Ball test - Weld load	kg	ASTM D2596	160
Copper Strip Corrosion	-	ISO 2160	1a

These characteristics are given only for information and can be updated over time.



## SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.