



MOTULTECH 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**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	HYDRAULIC FG 46
Base oil	-		
Color	-	Visual	Colourless
Density	-	ISO 12185	0,857
ISO Grade	-		46
Viscosity at 40°C	cST	ISO 3104	
Viscosity at 100°C	cST	ISO 3104	9.0
Viscosity index	-	ISO 2909	140.0
Flash point	°C	ISO 2592	190.0
Pour point	°C	ISO 3016	-10.0
Copper corrosion	-	ISO 2160	1a
4 Ball test - Weld load	kg	ASTM D2596	160
4 Ball test - Wear scar	mm	ISO 20623	< 0,5
Temperature range	-		-10°C to +120°C

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.

Important Notice

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on www.motul.com.

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.