



MOTULTECH HYDRAULIC FG-V 46

Synthetic Hydraulic Oil

DESCRIPTION

HYDRAULIC FG-V 46 is a synthetic lubricant for the food-processing industry.

APPLICATIONS

HYDRAULIC FG-V 46 is especially adapted for the lubrication of:

- Hydraulic circuits particularly at low temperatures.
- Cold industries: Canning factories, slaughterhouses, etc.
- Equipment exposed in the mountains.

HYDRAULIC FG-V 46 is recommended for the lubrication of hydraulic systems, plain bearings, antifriction bearings and chains in the Food-processing, Cosmetic and Pharmaceutical industries.

HYDRAULIC FG-V 46 is NSF H1 certified. Registration number 139811.

HYDRAULIC FG-V 46 meets the FDA - 21 CFR 178.3570 specifications and can be used in mechanical systems where a direct contact with the lubricant cannot be avoided.

ADVANTAGES

- Excellent oxidation and evaporation stability at high temperatures.
- Reinforced anti-wear performance.
- Excellent protection against corrosion.
- Low pour point and high viscosity index.
- Very good anti-foam properties.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	HYDRAULIC FG-V 46
Base oil	-		
Color	-	Visual	Colourless
Density	-	ISO 12185	0,830
Viscosity at 40°C	cST	ISO 3104	46.0
Viscosity at 100°C	cST	ISO 3104	8.5
Viscosity index	-	ISO 2909	130.0
Flash point	°C	ISO 2592	250.0
Pour point	°C	ISO 3016	-50.0
Copper corrosion	-	ISO 2160	1a
4 Ball test - Wear scar	mm	ISO 20623	< 0,35
Temperature range	-		-50°C to +180°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.