



## 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
Operating range temperature	-		-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

Information disclosed in this technical data sheet is based on MOTUL's experience and know-how in the development and manufacture of lubricants and other chemical products according to the current state of knowledge.

Any chemical product must be used in the intended application and in accordance with the recommendations provided in its safety data sheet freely consultable via the site <https://www.quickfds.com/fr/>. The performance of our products may be influenced by a series of factors, including conditions of use, application methods, operational environment, pretreatment of components, possible external contamination, etc ... For these reasons, universal recommendation of our products is impossible. The information in the technical data sheet represents general, non-binding guidelines and is given for guidance only. No express or implied warranty is given regarding the properties of the product or its suitability for a given application.

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