

RUBRIC HFDU 46 FM

Synthetic Hydraulic Fluid

DESCRIPTION

RUBRIC HFDU 46 FM is a high quality synthetic lubricant obtained by chemical synthesis from non-oil raw materials coming from renewable vegetable sources.

It is also biodegradable and meets FM Approvals fire resistant test Standard 6930 as an approved industrial fluid.

APPLICATIONS

RUBRIC HFDU 46 FM can be used in all hydraulic systems, lubrication and circulating system particularly when there are potential risks of fire and / or water contamination.

Furthermore, thanks to its biodegradability, **RUBRIC HFDU 46 FM** can be used in machines working in environmentally sensitive areas.

RUBRIC HFDU 46 FM is perfectly adapted for the usage in plants particularly susceptible to fire. It has the peculiarity to reduce the possibility of ignition from open flames and is characterized by an excellent self-extinguishing power.

In addition, thanks to its exceptional demulsibility, **RUBRIC HFDU 46 FM** finds excellent application in systems with a high risk of water contamination, facilitating the drainage and eliminating the risk of hydrolysis.

RUBRIC HFDU 46 FM fulfills the following requirements :

- ISO-HFD-U
- VDMA 24568
- ISO 6743/4 HM-HV
- DIN 51524, part 3
- ISO 15 380, part 4
- Vickers M-2952-S
- VII Luxemburg Report
- Vickers I-286-S

ADVANTAGES

- Excellent resistance to combustion.
- Readily biodegradable.
- Zinc-free.
- Excellent demulsibility.
- Very good anti-rust and anti-corrosive properties.
- Excellent oxidation stability.

TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	RUBRIC HFDU 46 FM
Density at 20°C (68°F)	-	ASTM D4052	0.915
Viscosity at 40°C (104°F)	mm²/s	ASTM D445	46.0
Viscosity Index	-	ASTM D2270	185.0
Flash point	°C	ASTM D92	300.0
Pour point	°C	ASTM D97	-30.0
Copper Strip Corrosion	-	ASTM D130	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.