



MOTULTECH RUBRIC CLEAN HM 46

Clean hydraulic oil

DESCRIPTION

RUBRIC CLEAN HM 46 is a premium, anti-wear hydraulic oil specifically designed to prevent varnish from depositing on internal system components in hydraulic systems. **RUBRIC CLEAN HM** is the second part of a Hydraulic Clean Package that consists of the cleaner **RUBRIC R-CLEAN** and **RUBRIC CLEAN** hydraulic oils.

APPLICATIONS

In order to guarantee the best performance and a perfectly clean hydraulic system, **RUBRIC CLEAN HM 46** should only be used in either new or cleaned equipment.

The best way to prepare for the usage of **RUBRIC CLEAN** hydraulic oil is a treatment with the **RUBRIC R-CLEAN** hydraulic systems cleaner.

RUBRIC CLEAN HM 46 fulfils the most common specifications and OEM requirements:

- Parker Denison HF-0
- MAG IAS (ex Cincinnati Machine) P-68, P-69, P-70
- DIN 51524 part 1 (HL), 2 (HLP)
- Eaton Brochure 03-401-2010 (ex-Eaton Vickers M-2950-S / I-286-S)

ADVANTAGES

- Prevents the formation of varnish and sludge deposits
- Keeps hydraulic components clean
- Extended pump protection
- Provides excellent wear protection
- Excellent oxidation and thermal stability
- Protects metal surfaces from rust and corrosion
- Excellent filtration properties
- Maintains cycle times with clean equipment

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	RUBRIC CLEAN HM 46
Base oil	-		
Aspect	-		Clear
Color	-	ASTM D1500	0.5
Density	-	ISO 12185	0,850
Viscosity at 40°C	mm ² /s	ASTM D445	46.0
Viscosity at 100°C	mm ² /s	ASTM D445	6.7
Viscosity index	-	ASTM D2270	103.0
Flash point	°C	ASTM D92	240.0
Pour point	°C	ASTM D97	-24.0
Copper corrosion	-	NFT M 07105	1a
4 Ball test - Weld load	kg	ISO 20623	160
4 Ball test - Wear scar	mm	ASTM D4172	0,53

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.