



MOTULTECH RUBRIC HM 100

HYDRAULIC SYSTEMS

DESCRIPTION

RUBRIC HM 100 is an anti-wear, anti-corrosion and anti-oxidation premium hydraulic oil adapted to the lubrication of hydraulic systems operating under severe conditions.

APPLICATIONS

RUBRIC HM 100 is recommended for use in all hydrodynamic power transmission machinery, hydraulic controls and hydrostatic systems widely used in all fields of technology such as transport, construction, mining as well as in machine tools, marine and aviation equipment.

RUBRIC HM 100 oils meets the following requirements :

- DENISON HF-0
- ISO 11158 categories HM; ISO 6743-4 categories HM
- DIN 51524 part 2, HLP
- NF E 48603 HM

ADVANTAGES

- Less downtime, higher productivity.
- Excellent anti-wear quality.
- Excellent resistance to oxidation.
- Excellent protection against corrosion.
- Excellent thermal and hydrolysis stability.
- Excellent demulsification and filterability.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	RUBRIC HM 100
Base oil	-		
Aspect	-		Clear
Color	-	ASTM D1500	2
Density	-	ISO 12185	0,881
Viscosity at 40°C	mm ² /s	ASTM D445	101.8
Viscosity at 100°C	mm ² /s	ASTM D445	11.1
Viscosity index	-	ASTM D2270	94.0
Flash point	°C	ASTM D92	276.0
Pour point	°C	ASTM D97	-18.0
4 Ball test - Wear scar	mm	ASTM D4172	0,62

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.

Therefore, we recommend consulting an application engineer to discuss application conditions and product performance criteria before use. It is the user's responsibility to test the functional suitability of the product and to use it under appropriate safety conditions. Our products are subject to continuous improvement with the aim of improving performance or bringing them into compliance with any new and possible regulations concerning them. We reserve the right to change our product lines, our products and their manufacturing processes and any provisions of our publications at any time without notice. This technical sheet cancels and replaces all previous editions.

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