



## MOTULTECH RUBRIC HM 100

Hydraulic Fluid

### 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 <sup>2</sup> /s | ASTM D445  | 101.8         |
| Viscosity at 100°C        | mm <sup>2</sup> /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

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](http://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.