



RUBRIC HV 46 AMBIENT

MINERAL BASE

DESCRIPTION

RUBRIC HV 46 AMBIENT is a high performance anti-wear hydraulic oil, specifically designed to meet the needs of modern, high pressure, industrial and mobile equipment hydraulic systems.

APPLICATIONS

RUBRIC HV 46 AMBIENT is recommended for outdoor equipment which are likely to operate in wide temperature range, such as systems where cold start-up and high operating temperatures are typical (marine applications). It's suitable also for indoor manufacturing equipment that incorporates control systems requiring minimal viscosity change with temperature.

ADVANTAGES

- Suitable for applications operating in a wide temperature range thanks to high a viscosity index and an excellent viscosity stability.
- Suitable for hydraulic systems with very thin filters (3 microns).
- Very high thermal stability.
- Outstanding anti-wear properties.
- Helps to prevent aeration and cavitation damage thanks to rapid air release.
- Excellent demulsibility.
- Red coloured for easy leakage detection.



TECHNICAL CHARACTERISTICS

CHARACTERISTICS	METHOD	RUBRIC HV 46 AMBIENT
Color	Visual	Red
Density at 20°C (68°F)	ASTM D1298	0.870
Viscosity at 40°C (104°F)	ASTM D445	46.0 mm ² /s
Viscosity at 100°C (212°F)	ASTM D445	8.0 mm ² /s
Viscosity Index	ASTM D2270	
Pour point	ASTM D97	-42.0 °C / -33.0 °F
4 Ball test - Wear scar	ISO 20.623	0.47 (1h, 40kg) mm
Flash point	ASTM D92	≥ 210 °C

STANDARDS / APPROVALS / PERFORMANCE LEVEL

RUBRIC HV 46 AMBIENT meets the following standards:

- ISO - 11158 Category HV / 6743-4 Category HV
- NF - E 48 602 HV / E 48 603 HV
- DIN - 51 524 part 3 HVLP

RUBRIC HV 46 AMBIENT meets or exceeds the most common specifications and OEM requirements:

- CASE POCLAIN - P 110 32-03J
- Parker Denison - DENISON HF-0
- VICKERS - V 104 C / 35 VQ 25

RECOMMENDATIONS

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 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. The safety data sheet of this product is available at www.motul.com.