

RUBRIC BIO VG

Biodegradable hydraulic oils

DESCRIPTION

RUBRIC BIO VG are high performance biodegradable hydraulic oils based on natural biodegradable base oils and formulated with additives against wear, oxidation, and corrosion. They are dedicated to the lubrication of hydraulic systems operating in harsh conditions. Their high viscosity index allows use over a wide range of temperatures. Totally free from mineral oil.

RECOMMENDED APPLICATIONS

RUBRIC BIO VG can be used in all hydraulic, lubrication or circulating systems. In addition, thanks to their biodegradability, the **RUBRIC BIO VG** can be used for environmentally sensitive applications.

RUBRIC BIO VG 46 can be used when there is a fire hazard.

ADVANTAGES

- Protect system components thanks to very high anti-wear protection.
- Protection against cavitation damages thanks to quick deaeration.
- Can be used over a wide range of temperature due to a high viscosity index.
- High resistance to oxidation.
- Without Zinc.
- Biodegradable

SPECIFICATIONS

RUBRIC BIO VG meet the following requirements:

- DIN 51524, part 3 (HVLP)
- AFNOR NFE 48603 (HM)
- ISO 6743/4 HFDU (RUBRIC BIO 46)
- Vickers 1-286-S
- Cincinnati Machine : P-68, P-69, P-70

TECHNICAL INFORMATION

TYPICAL CHARACTERISTICS	UNITS	METHODE	RUBRIC BIO VG 32	RUBRIC BIO VG46
Aspect	-	Visual	Clear	Clear
Density at 20°C	-	ASTM D 7042	0,911	0,913
Viscosity at 40°C	mm ² /s	ASTM D 7042	34,7	45,8
Viscosity at 100°C	mm ² /s	ASTM D 7042	7,7	9,8
Viscosity index	-	ASTM D 2270	201	207
Flash point	°C	ASTM D 92	293	304
Drop point	°C	ASTM D 97	-18	-21
Biodegradability	%	OECD 301B	> 60	> 60

The specifications are given for information purposes only and may need to change.

RECOMMANDATIONS

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

Our product contains natural additives which are likely to modify the color of the concentrates without altering its performance.

To give our customers the latest technical developments, the general characteristics of our products may vary. 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.

The data in this data sheet correspond to our current state of knowledge and experience at the time of publication and should inform the experienced reader about the possibilities of application. They do not, however, constitute a guarantee of the suitability of a product or an assurance of properties for a specific application. They do not release the user from the obligation to test the selected product before use and to validate its use according to his own parameters.

We recommend an individual consultation with our technical advisors.

Samples are also available for testing upon request and if possible. MOTUL products are constantly being developed.

For this reason, MOTUL reserves the right to change all the data contained in this data sheet at any time and without prior notice.