

R-CLEAN

HYDRAULIC CLEAN TECHNOLOGY

MINERAL BASE

DESCRIPTION

Specially formulated cleaner designed for use in mineral based hydraulic oils. Helps removing varnish and sludge from the hydraulic system in preparation for the introduction of **RUBRIC CLEAN**.

RUBRIC R-CLEAN is the first part of a Hydraulic Clean Package that consists of the cleaner **RUBRIC R-CLEAN** and **RUBRIC CLEAN** hydraulic oils.

BÉNÉFICES

- Helps remove varnish build-up and sludge
- Significantly reduces equipment downtime when compared to manual cleaning
- Helps eliminate valve sticking due to varnishes
- Compatible with mineral based lubricants
- Helps reduce health and safety concerns in comparison to solvent based cleaners
- Compatible with common seal materials

SÉCURITÉ

- Helps reduce health and safety concerns in comparison to solvent based cleaners

PERFORMANCES

RUBRIC-R CLEAN is a specially formulated cleaning solution, designed for use in mineral based hydraulic oils. The addition of **RUBRIC R-CLEAN** at a level between 5% and 20% volume to an in-service hydraulic fluid will help remove varnish and sludge from the hydraulic system in preparation for the introduction of a new fluid.

For lightly varnished systems, a lower concentration of cleaner is sufficient and for heavily varnished systems, a higher concentration may be necessary.

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TECHNICAL INFORMATION

NAME	METHOD	R-CLEAN
Densité à 20°C (68°F)	ISO 12.185	0.924 kg/L
Viscosité à 40°C (104°F)		280,0 mm ² /s
Viscosité à 100°C (212°F)		32,0 mm ² /s
Point éclair		86,0 °C
Point d'écoulement		-39,0 °C

INSTRUCTIONS

RUBRIC R-CLEAN can be used at concentrations between 5% and 20% volume in the used mineral based hydraulic oils. The exact cleaner concentration should be determined by evaluating the extent and severity of the varnish and sludge accumulation in the system as well as the age and integrity of the system.

The cleaner can be added directly to a hydraulic system fluid which is already in service and the system can be operated for short periods of time during the cleaning process.

Once the cleaning process is complete, the system should be thoroughly drained, flushed and recharged with our **RUBRIC CLEAN** hydraulic oil.

RUBRIC R-CLEAN should not be left in the system for continued operation beyond the cleaning process.

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.

RECOMMENDATIONS

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.

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