

## RUBRIC R-CLEAN

High Performance Lubrication

### DESCRIPTION

**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.

**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.

### APPLICATIONS

**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.

### ADVANTAGES

- 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.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	RUBRIC R-CLEAN
Density at 20°C (68°F)	-	ISO 12185	0.927
Viscosity at 40°C (104°F)	cSt		280.0
Viscosity at 100°C (212°F)	cSt		32.0
Flash point	°C		86.0
Pour point	°C		-39.0

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.