

## RUBRIC HLPD 68

Hydraulic Fluid

### DESCRIPTION

**RUBRIC HLPD 68** is a hydraulic fluid based on mineral oil with detergent and dispersant qualities.

Its anti-wear and zinc-free (ashless) technology deliver reliable performance and ultimate cleanliness in applications contaminated by aqueous products such as metalworking fluids.

### APPLICATIONS

**RUBRIC HLPD 68** hydraulic fluid is suitable for a wide range of industrial and manufacturing applications where a high level of dispersancy is required due to water ingress or contamination.

**RUBRIC HLPD 68** oil is particularly recommended for use in hydraulic systems of machine tools, where water mixed cutting fluids may enter the hydraulic system.

**RUBRIC HLPD 68** fulfils the most common specifications and OEM requirements:

- DIN 51524 part 2 (HLP)
- Daimler Chrysler DBL 6721
- Ortlinghaus test for wet running clutch-brake-units according to ON 9.2.19.

### ADVANTAGES

- Superior emulsification properties.
- Excellent anti-wear properties.
- Excellent foaming tendency and stability control.
- Rapid air release.
- Very good oxidation stability.
- Superior filterability.

**TECHNICAL INFORMATION**

TECHNICAL CHARACTERISTICS	UNITS	METHOD	RUBRIC HLPD 68
Color	-	Visual	Light Yellow
Viscosity at 40°C (104°F)	mm <sup>2</sup> /s	ASTM D445	68.0
Viscosity at 100°C (212°F)	mm <sup>2</sup> /s	ASTM D445	9.1
Viscosity Index	-	ASTM D2270	111.0
Flash point	°C	ASTM D92	238.0
Pour point	°C	ASTM D97	-33.0
Foam, Seq I, II, III	ml/ml	NFT 60 129	0/0-10/0-0/0
4 Ball test - Wear scar	mm	ISO 20.623	0.49
4 Ball test - Weld load	kg	ISO 20.623	240

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.