



PRODUCT SPECIFICATION

SPECIFICATION

Product Name

HIDROMOL HVI 100 / HYDRAULIC SYSTEM OIL - HIDROMOL HVI 100

PRIMARY TESTS	METHOD	SPECIFICATION		
		MIN	TYP	MAX
Appearance	Visual		Clear and Bright	
Colour	ASTM D1500 / TS 1713 ISO 2049	L 1	1,5	3,5
Density 15°C, g/ml	ASTM D4052 / TS EN ISO 12185	0,880	0,890	0,900
Viscosity 100 °C, mm ² /s	ASTM D445 / TS EN ISO 3104		16 Typ.	
Viscosity 40 °C, mm ² /s	ASTM D445 / TS EN ISO 3104	90	100	110
Viscosity Index	ASTM D2270 / TS ISO 2909	150	160	
Water Separation 82°C, minute	ASTM D1401 / TS 6122 ISO 6614			30
Foaming Characteristic (I,II,III Kd.) ml/	ASTM D892 / TS 1834 ISO 6247		(150/0, 80/0, 150/0)	

SECONDARY TESTS	METHOD	SPECIFICATION		
Pour Point, °C	ASTM D97 / TS EN ISO 3016			- 30
Flash Point, °C (COC)	ASTM D92 / TS EN ISO 2592	220		
Copper Corrosion (100°C, 3 hours)	ASTM D130 / TS 2741 EN ISO 2160			2
Rust Test				
- Process A	ASTM D665 / TS 6830 ISO 7120		Pass	
- Process B	ASTM D665 / TS 6830 ISO 7120		Pass	
Water Content %m/m	ASTM D95 / TS 6147 EN ISO 12937			0,025
Acid Number, mgKOH/g	ASTM D974 / TS 9178 ISO 6618			1
Determination of air, 75°C, min.	TS 5768 ISO 9120			20

PERFORMANCE LEVELS: DIN 51524 PART II, PART III DENISON HF0, HF1, HF2, Cincinnati Machine P 68, P 69, P 70 Eaton Vickers M 2950-S / I-286-S

* As the defined values are typical values, there can be some little changes according to the production. M Oil keeps all the rights to update and change the formulations of products without making any announcements. For the updated informations and technical datas about the products and product packagings, please contact with M Oil.