PRODUCT SPECIFICATION

SPECIFICATION

Product Name: HIDROMOL HVI ZFX 68

PRIMARY TESTS	METHOD	SPECIFICATION		
		MIN	TYP	MAX
Appearence	Visual		Clear and Bright	
Colour	ASTM D1500 / TS 1713 ISO 2049	L 0.5	0.5	1.5
Density 15 °C, g/ml	ASTM D4052 / TS EN ISO 12185	0.85	0.87	0.89
Viscosity 100 °C, mm^2/s	ASTM D445 / TS EN ISO 3104		12	
Viscosity 40 °C, mm^2/s	ASTM D445 / TS EN ISO 3104	61.2	68	74.8
Viscosity Index	ASTM D2270 / TS ISO 2909	160	162	
Foaming Characteristic (I, II, III Kd.) ml/ml	ASTM D892 / TS 1834 ISO 6247		(150/10, 80/10, 150/10)	

SECONDARY TESTS	METHOD	SPECIFICATION		
Pour Point, °C	ASTM D97 / TS EN ISO 3016			-36
Flash Point, °C (COC)	ASTM D92 / TS EN ISO 2592	216		
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 D6304 / TS 6147 EN ISO 12937			0.025
Acid Number, mgKOH/g	ASTM D664 / TS 2432 EN 12634			1
Determination of Air, 50 °C, min.	ASTM D3427 / TS 5768 ISO 9120			13

PERFORMANCE LEVELS: DIN 51524 PART II, PART III (HVLPD), ISO 11158 HV, ASTM D6158 HV, Bosh Rexroth RE 90220, Cincinnati Machine P68, P69, P70, DENISON HF0, HF1, HF2, Eaton Vickers M 2950-S/I-286-S, GM LS-2, SAE MS 1004

Document Code	Revision No/Date	Page No	Prepared	Checked	Approved
KG-ÜS-231	00/06.07.2026	1/1	LAB. & QUALITY SPECIALIST	MANAGEMENT REPRESENTATIVE	FACTORY MANAGER

* 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 data about the products and product packagings, please contact with M Oil.