	PRODUCT SPECIFICATION	SPECIFICATION

Product Name

HİDROMOL HVI 68 / HYDRAULIC SYSTEM OIL - HIDROMOL HVI 68

PRIMARY TESTS	METHOD	SPECIFICATION		
		MİN	TYP	MAX
Appearence	Visual		Clear and Bright	
Colour	ASTM D1500 / TS 1713 ISO 2049	0,5	1,5	3
Density 15'C, g/ml	ASTM D4052 / TS EN ISO 12185	0,870	0,885	0,900
Viscosity 100 'C, mm²/s	ASTM D445 / TS EN ISO 3104	10,5	12,5	14,0
Viscosity 40 'C, mm²/s	ASTM D445 / TS EN ISO 3104	61,2	68	74,8
Viscosity Index	ASTM D2270 / TS ISO 2909	150	160	
Water Separation 54'C, minute	ASTM D1401 / TS 6122 ISO 6614			30
Foaming Characteristic (I,II,III Kd.) ml/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			- 33
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, 50'C, min.	TS 5768 ISO 9120			13

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