



## PRODUCT SPECIFICATION

SPECIFICATION

### Product Name

# KESME YAĞI 311 / METAL WORKING FLUID 311

### PRIMARY TESTS

### METHOD

### SPECIFICATION

		MIN	TYP	MAX
Appearance	Visual	Clear and Bright		
Colour	ASTM D1500 / TS 1713 ISO 2049	0.5	1	3
Density 15°C, g/ml	ASTM D4052 / TS EN ISO 12185	0.850	0,860	0.890
Viscosity 100 'C, mm <sup>2</sup> /s	ASTM D445 / TS EN ISO 3104	3	4.5	6
Viscosity 40 'C, mm <sup>2</sup> /s	ASTM D445 / TS EN ISO 3104	11	15	19
Viscosity Index	ASTM D2270 / TS ISO 2909	95		

### SECONDARY TESTS

### METHOD

### SPECIFICATION

Pour Point, 'C	ASTM D97 / TS EN ISO 3016			-12
Flash Point, 'C (COC)	ASTM D92 / TS EN ISO 2592	170		
Rust Test	ASTM D665 / TS 6830 ISO 7120		Pass	
Copper Corrosion (100'C, 1 h)	ASTM D130 / TS 2741 EN ISO 2160			2b
Low and High Temperature Stability	TS 11299	Turbidity, sedimentation, gelation, phase separation should not be seen.		

\* 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.