



Gage Products Company Technical Data Sheet

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JP-8 + 100
42363-55F

Test	Method	UOM	Specification
COLOR, SAYBOLT	ASTM D156		REPORT
ACID NUMBER	ASTM D3242	MG KOH/G	0.015, MAX
AROMATIC CONTENT	ASTM D1319	VOL. %	25.0, MAX
MERCAPTAN CONTENT	ASTM D3227	WT%	0.0020, MAX
SULFUR CONTENT	ASTM D5453	WT. %	0.3000, MAX
DISTILLATION, IBP	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 10%	ASTM D86	DEG C (DEG F)	205.0 (401.0), MAX
DISTILLATION, 20%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 50%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 90%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, DRY POINT	ASTM D86	DEG C (DEG F)	300.0 (572.0), MAX
LOSS	ASTM D86	VOL. %	1.5, MAX
RESIDUE	ASTM D86	VOL. %	REPORT
FLASHPOINT, TCC	ASTM D56	C	38 (100), MIN
DENSITY @ 15.00 C	ASTM D4052	KG/L	0.775 - 0.840
API GRAVITY @ 60 F	ASTM D4052		37.00 - 51.00
FREEZE POINT	ASTM D2386	C	-47, MAX
KIN. VISCOSITY @ -20C	ASTM D445	CST	8.00, MAX
NET HEAT OF COMBUSTION	ASTM D3338	MJ/KG	42.8, MIN.
CETANE INDEX	ASTM D976	CETANE INDEX	REPORT
HYDROGEN CONTENT	ASTM D3701	WT%	13.40, MIN
SMOKE POINT	ASTM D1322	MM	19.0, MIN
COPPER CORROSION	ASTM D130	COPPER CORR.	1, MAX
CHANGE IN PRESSURE DROP	ASTM D3241	MM OF HG	25, MAX
TUBE DEPOSIT CODE	ASTM D3241		3, MAX
EXISTENT GUM (WASHED)	ASTM D381	MG/100ML	7.0, MAX.
PARTICULATE MATTER	ASTM D5452	MG/L	1.0, MAX
FILTRATION TIME	ASTM D5452	MIN.	15, MAX.
MICRO SEPAROMETER RATING	ASTM D3948	MIN	70, MIN.
FSII	ASTM D5006	VOL%.	0.07 - 0.10
WATER RXN INTERFACE RATING	ASTM D1094		1B, MAX.
CORROSION INHIBITOR		PTB	6.0 - 8.4
ANTIOXIDANT		PTB	3.2 - 8.4

NOTE: This information is offered for your consideration, investigation, and verification. It should not be construed as a warranty or guaranty.

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WATER CONTENT	ASTM D6304	MG/KG	REPORT
+100 ADDITIVE	PASS	PASS	PASS

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