



Gage Products Company Technical Data Sheet

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JP-8 MIL DTL-83133K
42685-55F

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
OLEFIN CONTENT	ASTM D1319	VOL. %	REPORT
SATURATE CONTENT	ASTM D1319	VOL. %	REPORT
DOCTOR TEST	ASTM D4952		NEGATIVE
SULFUR CONTENT	ASTM D5453	WT. %	0.3000, MAX
DISTILLATION, IBP	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 5%	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, 30%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 40%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 50%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 60%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 70%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 80%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 90%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, 95%	ASTM D86	DEG C (DEG F)	REPORT
DISTILLATION, DRY POINT	ASTM D86	DEG C (DEG F)	300.0 (572.0), MAX
RECOVERY	ASTM D86	VOL. %	REPORT
RESIDUE	ASTM D86	VOL. %	1.5, MAX
LOSS	ASTM D86	VOL. %	1.5, MAX
PMCC FLASH POINT	ASTM D93	DEG C	38.0 (100.4), 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 D5291	WT. %	13.40, MIN
SMOKE POINT	ASTM D1322	MM	19.0, MIN
NAPHTHALENES	ASTM D1840	VOL%	3.0, MAX

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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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.
CONDUCTIVITY	ASTM D2624	PS/M	150.00 - 600.00
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
PARTICULATE COUNTING >4UM	ASTM D7619	COUNTS/ML	REPORT
PARTICULATE COUNTING >6UM	ASTM D7619	COUNTS/ML	REPORT
PARTICULATE COUNTING >14UM	ASTM D7619	COUNTS/ML	REPORT
PARTICULATE COUNTING >30UM	ASTM D7619	PARTICLES/100ML	REPORT
CORROSION INHIBITOR		PTB	6.0 - 8.4
ANTIOXIDANT		PTB	3.2 - 8.4

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