



# Gage Products Company Technical Data Sheet

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JP-5 MIL DTL-5624W  
42684-55F

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. %	0.2000, 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	60.0 (140.0), MIN
DENSITY @ 15.00 C	ASTM D4052	KG/L	0.788 - 0.845
FREEZE POINT	ASTM D2386	C	-46, MAX
KIN. VISCOSITY @ -20C	ASTM D445	CST	7.00, MAX
NET HEAT OF COMBUSTION	ASTM D3338	MJ/KG	42.6, MIN.
CETANE INDEX	ASTM D976	CETANE INDEX	REPORT
HYDROGEN CONTENT	ASTM D5291	WT. %	13.40, MIN
SMOKE POINT	ASTM D1322	MM	18.0, MIN
NAPHTHALENES	ASTM D1840	VOL%	3.0, MAX
COPPER CORROSION	ASTM D130	COPPER CORR.	1, 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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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%.	0.08 - 0.11
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 >21UM	ASTM D7619	COUNTS/ML	REPORT
PARTICULATE COUNTING >25UM	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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