



Gage Products Company Technical Data Sheet

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SME Biodiesel
40679-55F

Test	Method	UOM	Specification
FAME	GAGE-GC	VOL%	96.5, MIN
SULFUR CONTENT	ASTM D5453	PPM	15.0, MAX
NITROGEN CONTENT	ASTM D4629	PPM	10.0, MAX.
CETANE NUMBER	ASTM D613	CETANE NO.	47, MIN.
SPECIFIC GRAVITY @ 60.0 F	ASTM D4052		REPORT
API GRAVITY @ 60°F	ASTM D4052	API	27.00 - 33.00
KIN. VISCOSITY @ 40C	ASTM D445	CST	1.90 - 6.00
PMCC FLASHPOINT	ASTM D93	DEG C	130, MIN.
CLOUD POINT	ASTM D2500	DEG C	REPORT
ACID NO.	ASTM D974	MG KOH/G	0.500, MAX
FREE GLYCEROL CONTENT	EN 14105	WT.%	0.00 - 0.02
TOTAL GLYCEROL	EN 14105	WT.%	0.24, MAX.
CARBON CONTENT	ASTM D5291	WT.%	REPORT
HYDROGEN CONTENT	ASTM D5291	WT.%	REPORT
OXYGEN CONTENT	GAGE-CALCULATED	WT%	10.80 - 11.20
COLD SOAK FILTERABILITY	ASTM D7501	ML	REPORT
CSFT TIME	ASTM D7501	SEC	REPORT
MONOGLYCERIDE CONTENT	EN 14105	WT%	REPORT
SUM (CA & MG) CONTENT	EN 14538	PPM	5, MAX.
SULFATE ASH CONTENT	ASTM D874	WT%	REPORT
COPPER CORROSION	ASTM D130	RATING	REPORT
CARBON RESIDUE	ASTM D4530MOD	WT%	REPORT
PHOSPHORUS CONTENT	ASTM D4951	MASS%	REPORT
DISTILLATION, IBP	ASTM D1160	DEG C	REPORT
DISTILLATION, 5%	ASTM D1160	DEG C	REPORT
DISTILLATION, 10%	ASTM D1160	DEG C	REPORT
DISTILLATION, 20%	ASTM D1160	DEG C	REPORT
DISTILLATION, 30%	ASTM D1160	DEG C	REPORT
DISTILLATION, 40%	ASTM D1160	DEG C	REPORT
DISTILLATION 50%	ASTM D1160	DEG C	REPORT
DISTILLATION, 60%	ASTM D1160	DEG C	REPORT
DISTILLATION, 70%	ASTM D1160	DEG C	REPORT
DISTILLATION, 80%	ASTM D1160	DEG C	REPORT

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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DISTILLATION, 90%	ASTM D1160	DEG C	326.7 - 360.0 (620.1 - 680.0)
DISTILLATION, 95%	ASTM D1160	DEG C	REPORT
DISTILLATION, DP	ASTM D1160	DEG C	REPORT
RECOVERY	ASTM D1160	VOL%	REPORT
RESIDUE	ASTM D1160	VOL%	REPORT
LOSS	ASTM D1160	VOL%	REPORT
SUM (NA AND K) CONTENT	EN 14538	PPM	REPORT
OXIDATION STABILITY	EN 15751	HR	REPORT
WATER & SEDIMENT	ASTM D2709	VOL%	0.00 - 0.00

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