



# Gage Products Company Technical Data Sheet

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**Euro III Diesel**  
**41452-55F**

Test	Method	UOM	Specification
CETANE NUMBER	ASTM D613	CETANE NO.	52.0 - 54.0
CETANE INDEX	ASTM D4737-A	CCI	50.0, MIN
SULFUR CONTENT	ASTM D5453	WT. %	0.0250 - 0.0300
POLYNUCLEAR AROMATIC CONTENT	ASTM D5186	WT. %	3.00 - 6.00
DENSITY @ 15.00 C	ASTM D4052	KG/L	0.833 - 0.837
DISTILLATION, IBP	ASTM D86	DEG C	REPORT
DISTILLATION, 10%	ASTM D86	DEG C	REPORT
DISTILLATION, 20%	ASTM D86	DEG C	REPORT
DISTILLATION, 30%	ASTM D86	DEG C	REPORT
DISTILLATION, 40%	ASTM D86	DEG C	REPORT
DISTILLATION, 50%	ASTM D86	DEG C (DEG F)	245.0 - 280.0 (473.0 - 536.0)
DISTILLATION, 60%	ASTM D86	DEG C	REPORT
DISTILLATION, 70%	ASTM D86	DEG C	REPORT
DISTILLATION, 80%	ASTM D86	DEG C	REPORT
DISTILLATION, 90%	ASTM D86	DEG C	REPORT
DISTILLATION, 95%	ASTM D86	DEG C (DEG F)	345.0 - 350.0 (653.0 - 662.0)
DISTILLATION, DP	ASTM D86	DEG C	370, MAX.
OXIDATION STABILITY	ASTM D2274	MG/100ML	2.500, MAX
HYDROGEN CONTENT	ASTM D5291	WT. %	REPORT
CARBON CONTENT	ASTM D5291	WT. %	REPORT
OXYGEN CONTENT	GAGE-CALCULATED	WT. %	REPORT
GROSS HEATING VALUE	ASTM D240	BTU/LB	REPORT
COPPER CORROSION	ASTM D130	COPPER CORR.	1.0, MAX.
KIN. VISCOSITY @ 40C	ASTM D445	CST	2.50 - 3.50
PMCC FLASHPOINT	ASTM D93	DEG C	55, MIN.
CLOUD POINT	ASTM D2500	DEG C	-5.0, MAX.
CFPP	ASTM D6371	DEG C	-15.0, MAX.
CARBON RESIDUE 10%	ASTM D189	WT. %	0.00 - 0.20
ASH CONTENT	ASTM D482	WT. %	0.0000 - 0.0100
NEUTRALIZATION NO.	ASTM D974	MG KOH/G	0.000 - 0.200
HFRR LUBRICITY, WSD	ASTM D6079	MM	0.400, MAX.
ODOR TEST	ASTM D1296	PASS	TYPICAL

**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 & SEDIMENT	ASTM D2709	VOL%	0.00 - 0.02
OLEFIN CONTENT	ASTM D1319	VOL. %	REPORT
SATURATE CONTENT	ASTM D1319	VOL. %	REPORT
AROMATIC CONTENT	ASTM D1319	VOL. %	REPORT
BIODIESEL	GAGE-GC2	VOL%.	0.0 - 0.0

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