

GTL Diesel Specifications

Property	Unit	Min	Max	Typical (estimated)	Test Method
Specific Gravity @ 15 C		0.75	0.81	0.78	ASTM D1298/ASTM D4052
Colour			1.5	1	ASTM D1500
Appearance			Clear & Bright	Clear & Bright	Visual
Flash Point	°C	60		70	ASTM D93
Water & Sediment	Vol %		0.05		ASTM D2709
Sediment by extraction	Mass %		0.01		ASTM D473
Total Acid Number	Mg KOH/g		0.1		ASTM D974
Strong Acid Number	Mg KOH/g		0		ASTM D974
Cetane Number		70		74	ASTM D613
Distillation					ASTM D86
10% volume recovered	°C	Report			ASTM D86
50% volume recovered	°C		300		ASTM D86
90% volume recovered	°C	282	355		ASTM D86
95% volume recovered	°C	Report			ASTM D86
Final Boiling Point	°C		380		ASTM D86
Residue	Vol %		2.0		ASTM D86
Cloud Point	°C		+5	2	ASTM D2500/ASTM D5771
Pour Point	°C		+1	-2	ASTM D97/ASTM D5950
Carbon Residue on 10% bottoms	Mass%		0.10		ASTM D4530
Sulphur Content	Mass ppm		8	0	ASTM D4294/ASTM D5453
Ash	Mass%		0.01	0	ASTM D482



Copper Strip corrosion resistance (3h at 50 °C)			1	1	ASTM D130
Kinematic viscosity at 50 °C	cSt	1.9	4.0		ASTM D445
Oxidation Stability	Mg/100ml		1.0		ASTN D2274
Polycyclic aromatics	Vol%		0.1	0	ASTM D5186/IP 391
Total Aromatics	Vol%		5	0	ASTM D5186/IP 391

