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Flash Point (°C)		Mines LS	Low Sulphur	Biodiesel	Caterpillar	Cummins	Detroit 2-D	Deutz EN590
	D93 / D3828	52 min	59.5	130 min	legal limit	legal limit	52 min	55 min
Kinematic Viscosity @40°C (cSt)	D445	1.30 - 4.10	1.95	1.9 - 6.0	1.40 - 20.0	1.30 - 5.80	1.9 - 4.1	2.00 - 4.50
API Gravity @ 60°F	API		35.6		30 - 40		34 - 39	
Specific Gravity			0.847				0.835 - 0.855	
Density (kg/m <sup>3</sup> )	D1298 / D4052	850 max				816 - 876		820 - 860
Distillation Temp. (°C), 90%	D86	315 max	285	380 max	360 max		329 max	350
Distillation Temp. (°C), End Point	D86	355 max	-				355 max	370
Water & Sediment (% by volume)	D1796	0.05 max	< 0.05	0.05 max	0.10 max	0.05 max	0.02 max	0.02 max
Acid Number (mg KOH/g)	D974	0.01 max	< 0.01	0.80 max				
Sulphur (% by mass)	D1266 etc.	0.05 max	0.005	0.05 max	0.3 or legal	0.5 or legal	0.5 or legal	0.2 or legal
Copper Strip Corrosion (3h @ 50°C)	D130	1	1	3 max	3 max	2 max	3b max	1 max
Carbon Residue 10% Bottoms (% mass)	D4530	0.10 max	<0.10	0.05 max	0.35 max	0.35 max	0.35 max	0.30 max
Ash (% by mass)	D482	0.01 max	<0.01	0.02 max		0.02 max	0.01 max	0.01 max
Ignition Quality (Cetane Number)	D613	40 min	>46	47 min	40 min	42 min	45 min	49 min
Lubricity SLBOCLE (g)	D6078	2800 min	>2800		3100 min	3100 min	2800 min	
Lubricity HFRR (um)	D6079	460 max	<460		450 max	450 max		
Electrical Conductivity (pS/m)	D2624	25 min	>25.0					