



## MARINE GASOIL (DMA) FUEL STANDARD

### Product specifications

Property	Units	Method	Min Specs	Max Specs
Appearance between 10 and 25°C		Visual	Bright&Clear	
Density @20°C	kg/l	D4052	0.816	0.876
Density @15°C	kg/l	D4052		890
Kinematic Viscosity @40°C	cSt	D445	2.000	8.000
Sulphur Content	% (m/m)	D4294		1.50
Acid Number	mg KOH/g	D664		0.5
Cetance Number		D613	40	
Ash	% (m/m)	D482		0.010
Flash point	°C	D93	60	
Oxidation Stability	g/m <sup>3</sup>	D2274		2.5
Existent Sludge	g/m <sup>3</sup>	SMS 2708	Report	Report
Potential Sludge	g/m <sup>3</sup>	SMS 2233	Report	Report
Hydrogen Sulphide	mg/kg	IP570		2.00
Lubricity, corrected wear scar @60°C	µm	D6079/CEC-A-96		520 max - For 500ppm Sulphur only
Micro Carbon Residue (10% Bottom)	% (m/m)	D4530		0.30

### Variable specifications

Property	Units	Method	Min Specs	Max Specs
Pour Point Summer (1 October to 31 May)	°C	D97/D6749		0.00
Pour Point Winter (1 June to 30 September)	°C	D97/D6749		-6.00