

Very Low Sulphur Fuel Oil



Marine

Description

Viva Energy Very Low Sulphur Marine Fuel Oil 380 has been developed to comply with the new IMO regulations, which requires that the Sulphur level be reduced to 0.5% mass. It is a fuel oil with a maximum viscosity of 380 cSt at 50°C. The fuel properties will need to be matched to the appropriate engine or burner and associated fuel system.

Performance Features

Very Low Sulphur Marine Fuel Oil meets the requirements of ISO 8217:2017 (E) Grade ISO-F-RMG 380

Applications

Viva Energy Very Low Sulphur Marine Fuel Oil is suitable for the following applications: -

- appropriate engine or
- burner or
- associated fuel system.

Health, Safety and Environment

Guidance on health and safety is available on the appropriate Safety Data Sheet which can be obtained from the Viva Energy Technical Help Desk.

Typical Characteristics

Properties	Units	Methods	VLSFO Typical
Density @ 15°C	Kg/m ³	ASTM D1298 / D4052	933.5 (991.0 max)
Viscosity @ 50°C	mm ² /s	ASTM D445	178 (380 max)
Flash Point	°C	ASTM D93	95 (60 min)
Pour Point	°C	ASTM D97	12 (30 max)
Sulphur	% mass	ASTM D2622	0.45 (0.5 max)
Water	% vol	ASTM D95	0.1 (0.5 max)
Ash	% mass	ASTM D482	0.02 (0.100 max)
Carbon Residue	% mass	ASTM D4530	0.5 (18.0 max)
Strong Acid Number	mg KOH/gm	ASTM D974	Nil
Total Acid Number	mg KOH/gm	ASTM D974	2.5 max
Aluminium + Silicon	mg/kg	ASTM D5184	18 (60 max)
Vanadium	mg/kg	ASTM D5863	5 (350 max)

Technical Help Desk

Phone	1300 134 205
Email	technicalhelpdesk@vivaenergy.com.au