



PETROTM OIL

MARINE DIESEL OIL (MDO)

Property		Unit	Limit		Test Method
Acid Number,	Total Strong	mgKOH/g mgKOH/g	Max Max	0.1 Nil	ASTM D 974
Appearance			Clear		Visual
Ash		mass %	Max	0.01	ASTM D 482
Carbon Residue, MCRT on 10% Residue		mass %	Max	0.2	ASTM D 4530
Cetane Index			Min	52	ASTM D 4737
Colour, ASTM			Max	2.0	ASTM D 1500
Corrosion, Copper Strip (3 hours at 50 °C)			Max	1	ASTM D 130
Cloud Point		°C	Report		ASTM D 2500 / D 5773
CFPP		°C	Report		ASTM D 6371 / IP 309
Density at 15 °C		kg/l	Min Max	0.820 0.860	ASTM D 1298 / D 4052
Distillation	90% Recovery at	°C	Max	357	ASTM D 86
Flash Point	PMCC	°C	Min	66	ASTM D 93
Pour Point		°C	Max	+6	ASTM D 97
Particulate Contaminants		mg/kg	Report		ASTM D 6217
Sulphur, Total		mass %	Max	0.3	ASTM D 2622 / D 4294
Viscosity at 40 °C		mm ² /s	Min Max	3.5 5.5	ASTM D 445
Water Content		% mass	Max	0.05	ASTM E 203