ExxonMobil

ExxonMobil Marine Distillate Fuel

ExxonMobil Commercial Fuel , Taiwan

Product Description

EXXON MOBIL Corporation supplies marine fuels around the world through its dedicated ExxonMobil Marine Distillate Fuel (EMMF) division. Should you require information about the typical properties of fuel currently available in certain locations, please contact your EMMF representative, who will be able to help you.

You can be sure that the fuel you buy through EMMF meets stringent quality requirements, wherever it is delivered. To achieve this, EMMF supplies marine fuels that meet particular specifications. These specifications apply to fuels produced by ExxonMobil, as well as to those fuels acquired for resale by EMMF through purchase or exchange from other sources.

EMMF's specifications are reviewed regularly so that they incorporate the latest equipment and industry requirements, including the standards set by organisations such as ASTM and ISO.

Marine Gas Oil (MGO) - The nearest equivalent ISO grade is DMA. DMA and DMZ are the highest quality distillate normally supplied for marine use, delivered in dedicated pipelines or barges.

Marine Diesel Oil (MDO) - The nearest equivalent ISO grade is DMB. MDO is a distillate fuel. However, it may be black in colour because it is delivered through pipelines or by barges used for black oils such as RMFO.

Specifications

Grade	DMX	DMA	DMZ	DMB
Viscosity @ 40ºC, cSt	5.500 Max. 1.400 Min.	6.000 Max. 2.000 Min.	6.000 Max. 2.000 Min.	11.00 Max. 2.000 Min.
Density @ 15ºC, kg/m3	--	890.0 Max.	890.0 Max.	890.0 Max.
Cetane Index	45 Min.	40 Min.	40 Min.	35 Min.
Sulphur, Mass %	1.00 Max.	1.50 Max.	1.50 Max.	2.00 Max.
Flash Point, ºC	43 Min.	60 Min.	60 Min.	60 Min.
Hydrogen Sulphide, mg/kg	2.00 Max.	2.00 Max.	2.00 Max.	2.00 Max.
Acid Number, mg KOH/g	0.5 Max.	0.5 Max.	0.5 Max.	0.5 Max.
Total Sediment, Hot Filtration, Mass %	--	--	--	0.10 Max.
Oxidation Stability, g/m3	25 Max.	25 Max.	25 Max.	25 Max.*
Carbon Residue, Micro, Mass %	0.30 Max.	0.30 Max.	0.30 Max.	0.30 Max.
Cloud Point, ºC	-16 Max.	--	--	--
Pour Point				
Winter Quality, ºC	-6 Max.	-6 Max.	-6 Max.	0 Max.
Summer Quality, ºC	0 Max.	0 Max.	0 Max.	6 Max.
Appearance	Clear & Bright	Clear & Bright	Clear & Bright	--
Water, Vol.%	--	--	--	0.30 Max.
Ash, Mass %	0.010 Max.	0.010 Max.	0.010 Max.	0.010 Max.
Lubricity, µm**	520 Max.	520 Max.	520 Max.	520 Max.*

*If the sample is not clear and bright, the test cannot be undertaken and the limit shall not apply.
**This requirement is applicable to fuels with a sulphur content below 0.05%

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDSs are available via the Internet at ExxonMobil.com. This product should not be used for purposes other than its intended use.

MAIN HAZARD: FIRE
Keep away from ignition sources.
Discharge your static electricity before fueling.
Fill portable containers on the ground.
Handle/Transport in closed or properly vented containers and systems, consistent with all applicable laws.
Harmful or fatal if swallowed.
Avoid breathing the vapors and skin contact.
Do not wash down spills with water. Prevent all spills from reaching water.

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