

PRODUCT SPECIFICATION

MGO – DMB (MDO) 0.1



ScanOcean

AREA OF USE:

The fuel is a marine gasoil (DMB grade) manufactured from high quality distillates and does not contain any residual streams. The fuel is free from ash forming compounds and unstable hydrocarbons. It is fully compatible with ScanOcean MGO/DMA E10 and can be comingled in any proportion.

STORAGE:

The product is suitable to storage temperatures of 20°C.

PROPERTIES	UNIT	SPECIFICATION		TEST METHOD ¹⁾	PVO
		min.	max.		Typicals
Viscosity at 40 °C	mm ² /s	2,000	11,00	EN ISO 3104	6,5
Viscosity at 50 °C	mm ² /s	3,200	8,30	EN ISO 3104	5,1
Density at 15 °C	kg/m ³		900	EN ISO 12185	879,7
Cetane index		35		EN ISO 4264	53,9
Sulphur content	mass %		0,1	EN ISO 8754	0,05
Flash point	°C	60,0		EN ISO 2719	103
Hydrogen sulfide	mg/kg		2,00	IP 570	<0,40
Acid number	mg KOH/g		0,5	ASTM D664, ISO 6619	<0,10
Total sediment existent ³⁾	mass %		0,10	ISO 10307-1	-
Oxidation stability ³⁾	g/m ³		25	EN ISO 12205	<1
Carbon residue	mass %		0,30	EN ISO 10370	<0,01
Pour Point ²⁾	Summer °C Winter °C		9 6	ISO 3016, D7346, ASTM D5950	-12,5
Cloud point	°C			EN 23015, D 5773, ASTM D 7689	+15
Appearance +25 °C ³⁾		Not Transparent/C&B		ASTM D 4176	Both
Water content ³⁾	vol %		0,30	EN ISO 3733, ASTM D6304C, EN ISO 10336	0,01
Ash content	mass %		0,010	EN ISO 6245	0,001
Lubricity / HFRR, 60 °C ³⁾	µm/60°C		520	EN ISO 12156-1	341
Net heat of combustion	MJ/kg	reported		D 4809	42,45

¹⁾ D-nummer hänvisar till ASTM-metod

¹⁾ D- number refers to ASTM-method

Standard ISO 8217:2010, Category ISO-F-DMB.

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²⁾ Med undantag av lägsta flytttemperatur (ISO 8217 ISO-F-DMB sommar 6°C , winter 0°C).

²⁾ With exception of pourpoint (ISO 8217 ISO-F-DMB Summer 6°C , winter 0°C).

³⁾ Om produkt är C&B oxidations stabilitet och smörjbarnhet analyserad /

³⁾ If product is C&B oxidation stability and lubricity will be analysed /

³⁾ Om produkt är inte C&B sediment och vatten analyserad.

³⁾ If product is not C&B total sediment and water will be analysed.

Produktspecifikationen tolkas i enlighet med proceduren beskriven i ISO 4259.

The product will comply with the specification according to the procedures described in ISO 4259.