



ScanOcean

PRODUCT SPECIFICATION MGO – DMB (MDO) 0.1

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.

	Enhet Unit	Kvalitetskrav Specification		Testmetod ¹⁾ Test method ¹⁾	PVO
		min.	max.		Typicals
Viskositet vid 40 °C Viscosity at 40 °C	mm ² /s	2,000	11,00	EN ISO 3104	9,0
Viskositet vid 50 °C, kalkylerad Viscosity at 50 °C, calculated	mm ² /s	3,200	8,30	EN ISO 3104	6,9
Densitet vid 15 °C Density at 15 °C	kg/m ³		900	EN ISO 12185	879,7
Cetanindex Cetane index		35		EN ISO 4264	53,9
Svavelhalt Sulphur content	mass %		0,1	EN ISO 8754	0,05
Flampunkt Flash point	°C	60,0		EN ISO 2719	103
Dihydrogensulfid Hydrogen sulfide	mg/kg		2,00	IP 570	<0,40
Syratal Acid number	mg KOH/g		0,5	ASTM D664, ISO 6619	<0,10
Sediment ³⁾ Total sediment existent ³⁾	mass %		0,10	ISO 10307-1	-
Oxidations stabilitet ³⁾ Oxidation stability ³⁾	g/m ³		25	EN ISO 12205	<1
Kokstal Carbon residue	mass %		0,30	EN ISO 10370	<0,01
Lägsta flyttemperatur ²⁾ Pour Point ²⁾	Summer °C Winter °C		9 6	ISO 3016, D7346, ASTM D5950	-12,5
Grumlings temperatur Cloud point	°C			EN 23015, D 5773, ASTM D 7689	+15
Färg och utseende +25 °C ³⁾ Appearance +25 °C ³⁾		Not Transparent / C&B		ASTM D 4176	Both
Vatten ³⁾ Water content ³⁾	vol %		0,30	EN ISO 3733, ASTM D6304C, EN ISO 10336	0,01
Askhalt Ash content	mass %		0,010	EN ISO 6245	0,001
Smörjbarhet / HFRR, 60 °C ³⁾ Lubricity / HFRR, 60 °C ³⁾	µm/60°C		520	EN ISO 12156-1	341
Effektiv värmevärde, beräknat Net heat of combustion, calculated	MJ/kg	rapporterat reported		D 4809	42,45

¹⁾ D-nummer hänvisar till ASTM-metod

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

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

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

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

Produktspecifikationen tolkas i enlighet med proceduren beskriven i ISO 4259.

¹⁾ D- number refers to ASTM-method

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

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

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

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

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