

# PRODUCT SPECIFICATION

## MGO – DMA (E32) 0.1 WINTER



ScanOcean

### AREA OF USE:

The product is a marine fuel intended for use in diesel engines in commercial ships.

### STORAGE:

The product has very good low-temperature characteristics that are suitable to storage temperatures above -30°C.

PROPERTIES	UNIT	PRODUCT SPECIFICATION	TYPICAL ANALYSIS DATA
Density at 15 °C	kg/m <sup>3</sup>	830-860	830
Viscosity at 40 °C	mm <sup>2</sup> /s (cSt)	1,5-3,0	2,1
Cloud point	°C	-22	-23
Flash point	°C	Min 60,0	63
Filterability cold conditions (CFPP)	°C	-32	-37
Cetane index		Min 45	48
Distillation temp. max at 10% distillate	°C	230	200
Distillation temp. max at 95% distillate	°C	370	326
Sulphur content	Mass -%	Max 0,1%	0,05%
Water content	Mg/kg	Max 200	30-70
Total contamination	Mg/kg	Max 24	15
Net heat of combustion	MJ/kg	-	43,0-45,8
Energy content	kWh/L	-	9,2
Energy content	MWh/m <sup>3</sup>	-	11,2
Ash content	Mass -%	Max 0,001	0

This product complies with the Swedish standard for heating oils (SS 15 54 10).

It is classified as a flammable liquid, class 3.