



Cargo Handling Guidelines

Marine Diesel Oil (MDO) – Diesel Oil Marino

For the use of vessels chartered by Moeve

Disclaimer:

The information contained in this publication is, to the best of our knowledge, true and accurate, but issued strictly without any guarantee. Any recommendations and/or suggestions that may be made are also without guarantee, since the conditions of the use are beyond our control. Furthermore, nothing contained herein shall be interpreted as a recommendation to use any product in conflict with existing patents covering any material of its use.

Revision Date: 01 November 2024
Revision N°: 0



Product Details	
Product Name:	MARINE DIESEL OIL (MDO)
International Maritime Organization (IMO) Shipping Name:	Annex I Oil
Chemical Family:	Hydrocarbons
CAS N°:	68334-30-5
UN N°:	1202
Product Codes:	42102 / 42107
E Safety Data Sheet (SDS): https://www.cepsa.es/en/safety-sheets	
Physical Properties¹	
Density:	0,9 g/cm3 (15°C (59°F))
Dynamic Viscosity:	KINEMATIC (40 °C): 2 to 10 mm²/s
Vapour Pressure:	0,4 kPa (3 mm Hg)
Boiling Point	170 – 190 °C
Pour Point:	Winter: -6 °C / Summer: 0 °C (For DMB - Winter: 0 °C / Summer: 6 °C)
Melting Point:	6 °C (Pour Point for Summer)
Water Solubility:	Insoluble
Flash Point:	Close up: 61 °C
Autoignition Temperature:	225 °C (437 °F)
Appearance:	Clear and bright coloured liquid mixture.
Hazard Identification:	Static accumulator. High melting point. Cargo non water soluble.
Transshipment:	Prior to arranging transshipment charterer must agree to owner's proposed plan. When arranged by the owner, owner must ensure that all transshipment vessels comply with the requirements of this Cargo Handling Guideline.
Marine Pollution (MARPOL) Details	
MARPOL Annex:	I
IMO Ship Type:	Oil Tanker
Inland Barge:	Oil Barge
Pre-wash Required:	N/A
Compatibility Group:	33 MISC. HYDROCARBON MIXTURES
Prevention Pollution:	Oil/water slops of Annex 1 cargoes must be disposed ashore.

¹ Physical Properties are for reference only and valid as of date of this revision; see loading terminal information for specific properties.

Cargo Handling Requirements	
Information for cleaning before loading:	Dry, no visible residues, no uncharacteristic odour. No wall wash required.
Inerting:	Vessels on time charter by Moeve must use inert gas during all loading and unloading operations.
N ₂ Purge Cargo Tanks Prior Loading:	N/A
N ₂ Blanket Required:	N/A
Adjacent Space Purge:	N/A
Loading Temperature Range:	Ambient
Transit Temperature Range:	Ambient
Discharge Temperature Range:	Ambient
Maximum Heating Coil Temperature:	N/A
Adjacent Maximum Cargo Temperature:	N/A
Remarks: 1. Preserve high flashpoint. Wash after high viscosity grades. Maybe wax critical.	
Tank Acceptance Requirements	
<ul style="list-style-type: none">Visually Clean. Dry, no visible residues, no uncharacteristic odour. No wall wash required.	
Stainless Steel or Coated Tank:	This cargo could be retained in zinc coatings.
Banned Prior Cargo:	No.
Banned Adjacent Cargo:	Nitric Acid.
Wall Wash Required:	No.

Safety Information and Incident Reporting	
Safety Information:	
HSSE information can be found in the Safety Data Sheet (SDS) or e-SDS.	
Incident Reporting:	
All incidents must be reported in accordance with the applicable regulations and charter party requirements.	
If an incident occurs, immediately call to the Emergency Response Team 24/7 hotline: +49233138423633 . Additionally, a detailed report of the incident must be provided via email to the following email address: incidents.trading@cepsa.com .	