



Cargo Handling Guidelines

Very Low Sulphur Fuel Oil 0,5% (VLSFO 0,5%)

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:	VERY LOW SULPHUR FUEL OIL (VLSFO 0,5%)
International Maritime Organization (IMO) Shipping Name:	Annex I Oil
Chemical Family:	Hydrocarbons
CAS N°:	68476-33-5
UN N°:	1268
Product Code:	47052, 41812 and others (check in Products Stewardship Database)
e Safety Data Sheet (SDS): https://www.cepsa.es/en/safety-sheets	
Physical Properties¹	
Density:	0,991 g/cm³ [15°C (59°F)]
Dynamic Viscosity:	Kinematic (40°C): >20 mm²/s
Vapour Pressure:	Negligible
Boiling Point	202 to 511°C (395,6 to 951,8°F)
Pour Point:	30 °C
Melting Point:	<30°C [ISO 3016]
Flash Point:	Closed cup: >60°C (>140°F)
Autoignition Temperature:	250 to 537°C (482 to 998,6°F)
Appearance:	Black coloured liquid mixture.
Hazard Identification:	Static accumulator, high melting point and high viscosity. 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
IMO Pollution Category:	N/A
Compatibility Group:	33 MISC. HYDROCARBON MIXTURES
Prevention Pollution:	Oil/water slops of Annex 1 cargoes must be disposed ashore. Persistent oil.

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:	Visually Clean. 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. All other vessels must use inert gas if the product is heated to the temperature within 10°C below the flash point of the fuel oil.
N ₂ Purge Cargo Tanks Prior Loading:	N/A
N ₂ Blanket Required:	N/A
Adjacent Space Purge:	No
Loading Temperature Range:	45 – 55 °C (recommended)
Transit Temperature Range:	45 – 55 °C (recommended)
Discharge Temperature Range:	45 – 55 °C (recommended)
Maximum Heating Coil Temperature:	N/A
Adjacent Maximum Cargo Temperature:	N/A
Remarks: <ol style="list-style-type: none">1. Preserve high flash point. Preserve pour point.2. May leave residues. Hot wash or even Special Cleaning maybe required. Waxy deposits possible.3. Watch freezing in cold pipeline systems.4. Washing as soon as possible after discharge is recommended.5. FOSFA banned. Difficult Cleaning	
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:	Coating Systems are resistant.
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 .	