

NON-SHELL PRODUCT CARGO HANDLING SHEET

ExxonMobil EHC 110

Information is obtained from supplier's SDS and other reference publications.**Product Details**

Trade Names:	ExxonMobil EHC 110
IMO Product Name:	MARPOL Annex 1
Chemical Family:	Base Oil
Product Code:	Non-Shell, ExxonMobil product
SDS:	Get from loading terminal or charterer.

Physical Properties

Relative Density:	900 kg/m ³ (15 °C / 59 °F)
Kinematic Viscosity:	11 mm ² /sec (100 °C / 212 °F)
Vapor Pressure:	0.013 kPa (20 °C / 68 °F)
Boiling Point:	316 °C / 601 °F
Pour Point:	- 12 °C / 10 °F
Flash Point:	230 °C / 446 °F
Appearance:	Pale Yellow

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

Note 2: Hazard Identification: See SDS for full list of hazards and precautions.

Marpol Details

Marpol Annex:	I
IMO Ship Type:	Double hull vessels certificated for carriage of oil
Inland Barge:	Double Hull
IMO Pollution Category:	Annex I
IBC 16.2.6:	Not applicable
IBC 16.2.9:	Not applicable
Pre-Wash Required:	Not applicable; wash/disposal as per Annex I

Compatibility Group: USCG compatibility group 33

Cargo Handling Requirements

N2 Purge Cargo Tanks Prior Loading:	No
N2 Blanket Required:	No; see Notes below.
Adjacent Space Purge:	No
Loading Temperature Range:	Ambient - 65 °C / 149 °F
Transit Temperature Range:	Ambient - 75 °C / 167 °F
Unloading Temperature Range:	Ambient - 75 °C / 167 °F
Maximum Heating Coil Temperature:	75 °C / 167 °F
Maximum Adjacent Temperature:	75 °C / 167 °F

Note: If Nitrogen blanket is in place and Carrier chooses to transship, carrier must reapply nitrogen blanket on the cargo, both on the unloading and receiving vessel, at their time, risk, and expense.

Regional Requirements

None

Transshipments

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 sheet.

Tank Acceptance Requirement

Banned Prior Cargo:	None
Stainless Steel or Coated Tanks:	Either, carrier to verify suitability of coating for product.

All nominated shipboard cargo handling systems are to be presented clean (residual free), dry, odor free, rust free, with good gaskets, fit to load this cargo.

Maintenance of heating coils is to be verified in the ship's log. If product is to be heated, heating coils are to be confirmed leak free. If product is not heated, heating coils are to be blown clear and dried with N2 and blanked off.

Safety Information and Incident Reporting

Safety Information: Refer to the SDS (Safety Data Sheet) or e-SDS.

Incident Reporting: All incidents should be reported in accordance with regulations and charter party requirements.

For additional marine cargo handling advice or information, contact the regional Chemical Marine Technical Advisor.

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