



Shell

Cargo Handling Sheet

Shell XHVI 4

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Revision 4

*Cargo Handling Sheets are for the use of vessels
chartered on behalf of Shell*

Product Details

Trade Name: Shell XHVI 4
IMO Product Name: Shell XHVI 4
Chemical Family: Paraffinic Base Oil
Product Code: 001D9231

SDS: <http://www.shell.com/business-customers/chemicals/safe-product-handling-and-transportation/safety-data-sheets.html>

Physical details

Density: 815.6 kg/m³ (15 °C / 59 °F)
Kinematic Viscosity: 17.2 mm²/s (40 °C / 104 °F)
Vapor Pressure: < 0.5 Pa (20 °C / 68 °F)
Boiling Point: 280 °C / 536 °F
Melting Point: N/A
Pour Point: -30 °C / -22 °F
Flash Point: 210 °C / > 410 °F
Appearance: Clear

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

Transhipments

Prior to arranging transhipment Charterer must agree to Owner's proposed plan. When arranged by the Owner, Owner must ensure that all transhipment vessels comply with the requirements of this cargo handling sheet.

Marpol Details

Marpol Annex: Annex I
IMO Ship Type: Double Hull vessels certified for carriage of oil
Inland Barges: 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
Adjacent Space Purge: No
Loading Temperature Range: Ambient
Transit Temperature Range: Ambient - 40 °C / 104 °F
Unloading Temperature Range: Ambient - 40 °C / 104 °F
Maximum Heating Coil Temperature: Blanked off
Maximum Adjacent Temperature: 50 °C / 122 °F

Regional Requirements

None

Tank Acceptance Requirements

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.

Stainless Steel or Coated Tank: Either, carrier to verify suitability of coating for product
Banned Prior Cargo: No
Wall Wash Required: No

Safety Information and Incident Reporting.

Safety Information: Refer 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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