

Cargo Handling Sheet

Non-Shell Chemical Product

GPII 600N

Document Date: 22 May 2020

Revision 0

Cargo Handling Sheets are for the use of vessels chartered to Shell Chemicals

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

Product Details

| | |
|------------------|--------------------------------------------------------------|
| Product Name: | GPII 600N |
| Shipping Name: | Unfinished Distillates, Hydraulic Oils, and Lubricating Oils |
| Chemical Family: | Base Oils |
| Product Code: | 002D6004 |
| SDS: | Shell Trading International Limited |

Physical Properties

| | |
|----------------------|--------------------------------------------------|
| Density: | 872 kg/m ³ (15 °C / 59 °F) |
| Kinematic Viscosity: | >= 95.44 mm ² /s (40.0 °C / 104.0 °F) |
| Vapor Pressure: | <= 0.0005 kPa (20.0 °C / 68 °F) |
| Boiling Point: | > 280 °C / 536 °F, estimated value |
| Pour Point: | -21 °C / -6 °F |
| Flash Point: | 242 °C / 468 °F |
| Appearance: | Clear liquid, slight hydrocarbon odour |

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

Note 2: Hazard Identification: Potential Static Accumulator

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

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|----------------|---------------------------------------------------------|
| Marpol Annex: | 1 |
| IMO Ship Type: | Double hulled vessels certified for the 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 |
| Compatibility Group: | USCG Compatibility Group 33 |

Cargo Handling Requirements

| | |
|-------------------------------------|----------------|
| N2 Purge Cargo Tanks Prior Loading: | None |
| N2 Blanket Required: | None |
| Adjacent Space Purge: | None |
| Loading Temperature Range: | Ambient |
| Transit Temperature Range: | Ambient |
| Discharge Temperature Range: | Ambient |
| Maximum Heating Coil Temperature: | Not Applicable |
| Adjacent Maximum Cargo Temperature: | 65 °C / 150 °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:

HSSE information can be found in the SDS or e-SDS.

Incident Reporting:

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

International Registered Vessels: If an incident occurs call Shell International Trading and Shipping in London on +442079347777.

Jones Act Vessels: call the Shell 24 hr. incident number at +17132412532. The USA National Response Center telephone number is +18004248802.

Disclaimer

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