

MT PHILINE SCHULTE

Type	LPG Carrier Semi-pressurised/Fully refrigerated
Builder	Hyundai Heavy Industries, Korea
Month/Year built	September 1998
Speed/Consumption	about 16.5 knots on about 20.0 mts (average)
GO Consumption	at sea (ballast/ship services) nil in port (no cargo operations) about 1.0 mts at sea (cooling cargo) about 3.5 mts
Steaming Range	about 14000 nm
Deadweight	7914 mts
LoA	118.5 m
Parallel Body Length	47.1 m
Beam	17.20 m
Depth	8.90 m
Draft	7.75 m
Air draft (Ballast)	27.90 m
Keel to masttop	34.60 m
Main Engine	Hyundai - B & W 7S35MC
Power	4900 kW (6650 BHP)
Fuel Grade	IFO 380 (RMG35 per ISO Fuel Standard 8217)
HFO Storage Capacity	788 tonnes @ 98% capacity
Diesel Generators	3 x Cummins KTA 19-64 (M)
Fuel Grade	MGO (DMA per ISO Fuel Standard 8217)
GO Storage Capacity	260 tonnes @ 98% capacity
Shaft Generator	Nico-Hyundai

Vessel can segregate two grades of cargo.

Vessel can load simultaneously two grades of cargo.

Vessel can cool two grades of compatible cargo.

Products Butane Ammonia, Dimethylamine, Butane/Propane mix, Butadiene, Ethyl Chloride, Commercial Propane, Butylene, Methyl Chloride, Propane, Isoprene, Monoethylamine, Propylene, Vinyl Ethyl Ether, Vinyl Chloride Monomer

Maximum Tank Pressure: 6.7 bar g (Seagoing)
7.1 bar g (Harbour)
4.0 bar g (USCG)

Minimum Tank Temp	- 48°C
Minimum Tank Pressure	- 0.25 bar g
Max Specific Gravity	0.97 kg/m ³
Cargo Tanks	2 x cylindrical Type 'C', minus 48 deg C
Tank Capacities @ 100%	Tank 1 3920.9 m ³ Tank 2 4716.1 m ³ Total 8637.0 m ³
Cooling Capacity	full cargo propane +15 degC/0 deg Cabt 21 hrs full cargo propane 0 deg C/-42 deg Cabt 168 hrs full cargo propylene 0 deg C/-47 deg Cabt 176 hrs
Deepwell Pumps:	Svanehoj, 2 per tank
Capacity	260 m ³ /hour @ 120 MLC
Max Specific Gravity	0.97 kg/m ³
Booster Pump	Svanehoj, 2 in total
Capacity	260 m ³ /hour @ 120 MLC
Max Specific Gravity	0.68 kg/dm ³
Loading Rate	about nine hours from fully-ref storage without vapour return
Discharge Capacity	about nine hours with all deepwell pumps operating
Heating cargo en route:	Yes
Cargo Vapouriser	No
Cargo Reheater	Yes
Cargo Compressors	2 x Sulzer 2K-160-2S
Inert Gas Plant :	Kvaerner Eureka, combustible type
IG Capacity	600 nm ³ /hour of dry inert gas
Supply Pressure	7 bar a
Composition of Inert Gas	Nitrogen 84/85% by volume Carbon Dioxide 13% by volume Oxygen a) 0.5% b) 0.1% Carbon Monoxide a) 200 ppm b) 1000 ppm Hydrogen max 200 ppm Dew point @ drier - 40°C @ 760 mm Hg
Inert Gas Storage	No
Cranes	1 x 2.00 MT midships portside 1 x 4.00 MT midships starboard 1 x 1.35 MT bridgedeck starboard

Mooring Equipment	2 x 7 MT forecastle deck 2 x 7 MT poop deck
Ballast Capacity	about 1539 mts
Steering Gear	Variable pitch propeller Bow thruster Flap rudder
Communication Equipment	Radio equipment complies with GMDSS in sea areas A1 A2 and A3 C - telex
Satellite Communication	B - telex, fax, data, voice

All information given is about and without guarantee.