

M/T Jade Star



Petro-Nav Inc.
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Commercial Operator: Petro-Nav Inc., Montréal
 Tel: (514) 843-8800
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 Built: MTW Shipyard, Germany, 1993
 Official No.: 814370
 IMO No.: 9046564
 Call Sign: VCDR
 Port of Registry: Halifax, Canada
 Flag: Canadian
 Type: Chemical/Oil Tanker
 Class: GL+100AS E3 Chemical tanker type II

MAIN PARTICULARS
 Deadweight: 10,511
 LOA: 123.71m 405.87 feet
 LBP: 118.16m 387.66 feet
 Breadth: 17.70m 58.07 feet
 Moulded Depth: 10.60m 34.77 feet
 Summer Draught SW: 8.36m 27.43 feet
 GRT: 6,262
 NRT: 3,154
COMPLIANCE WITH REGULATIONS
 Worldwide trading: Solas, Marpol, ISM, USCG for foreign flag, Suez, Panama; St. Lawrence Seaway,

TANK CAPACITY	1		2		3		4		5		6		TOTAL		SLOP TANKS	
	Port	Starboard	Port	Starboard	Port	Starboard	M ³	US BBLs	Port	Starboard	Port	Starboard	M ³	US BBLs	Port	Starboard
100% (in m ³)	693	693	914	914	980	980	980	980	980	980	860	860	10,814	68,018	137	185
98% (in m ³)	679	679	896	896	960	960	960	960	960	960	843	843	10,596	66,647	134	181

- ◆ Double hull, SBT
- ◆ Seven cargo segregations
- ◆ Thermal oil heat exchanger for cargo and heating coils for slop tanks

- ◆ Tank coating: epoxy
- ◆ Closed loading system

- ◆ Free float Heinrich ullage system for cargo tanks
- ◆ Loading programme including stability calculation
- ◆ 95% & 98% level alarms for cargo tanks

CONVERSION FACTORS
 1 m = 3.2808 feet
 1 m³ = 6.28976 US bbls

MACHINERY

1 Man B&W, 6L35MC, 5,032BHP (3,700 kW) & shaft generator.
 3 generators Deutz KHD TBD 604BV8, 595 kW/h each
 BOW TRUSTER STT 330LK, 410 kW

SPEED AND CONSUMPTION

Average speed: 12.5 knots
 Consumption at sea: 14.0 mt/day fuel
 1.0 mt/day diesel
 Consumption in port: 3.0 mt/day diesel

TANK CAPACITY

Diesel: 115.0 m³
 Fuel: 325.0 m³
 Ballast: 3,295.0 m³
 Fresh water: 130.0 m³

DISCHARGE CAPACITY

Maximum rate: 1,200 m³/h 7,548US bbls/h
 Rate per pump: 220 m³/h 1,384 US bbls/h

