

M/T Jade Star



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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, NS, Canada
 Flag: Canadian
 Type: Oil & Chemical Tanker
 Class: GL+ 100AS E3 Chemical
 tanker type II

MAIN PARTICULARS

GRT: 6,262
 NRT: 3,154
 Deadweight: 10,511
 LOA: 123.71 m 405.87 feet
 LBP: 118.16 m 387.66 feet
 Breadth: 17.70 m 58.07 feet
 Moulded Depth: 10.60 m 34.77 feet
 Summer Draught SW: 8.36 m 27.43 feet

COMPLIANCE WITH REGULATIONS

World-wide trading: Solas, Marpol, ISM,
 USCG for foreign flag, Suez, Panama;
 St. Lawrence Seaway

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

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

w Tank coating: epoxy
 w Closed loading system

w Free float Heinrich ullage system for cargo tanks
 w Loading programme including stability calculation
 w 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 m³
 Fuel: 325 m³
 Ballast: 3,295 m³
 Fresh water: 130 m³

DISCHARGE CAPACITY

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

