

ENGINE DATA

Manufacturer : Model : Cylinder Arrangement : Displacement : Bore and Stroke : Compression ratio : Rated RPM : Piston Speed : Max. Power at rated RPM : Frequency regulation, no load to full load : Frequency regulation, steady state : BMEP : Governor : type, make		MTU 12V2000G42 , 4-cycle, Turbo , Air/Air DC 12 X V 23.9 L (1458.5 C.I.) 130 mm (5.1 in.)X 150 mm (5.9 in.) 14 : 1 1800 Rpm 9 m/s (29.5 ft./s) 735 kW (985 BHP) Isochronous 0.25 % 20.5 bar (297 psi) Isochronous, MDEC	
Exhaust System Exhaust gas flow Exhaust temperature Max back pressure		Air Intake Max. intake restriction Engine air flow	
2580 L/s (5467 cfm) 500 °C (932 °F) 500 mm CE (20 in. WG)		150 mm CE (6 in. WG) 1 L/s (2 cfm)	
Fuel System 100% 75% 50% 25% Total fuel flow		Coolant System Ambient Temperature Radiator & engine capacity Max water temperature Outlet water temperature Fan power Fan air flow Engine heat rejection	
174 L/h (46.0 gal/hr) 130.5 L/h (34.5 gal/hr) 90.5 L/h (23.9 gal/hr) 1860 L/h (491.4 gal/hr)		50°C (122°F) 220 L (58.1 gal) 97 °C (207 °F) 93 °C (199 °F) 27 kW 14.7 m ³ /s (31151 cfm) 556 kW (31614 Btu/mn)	
Oil System Total oil capacity w/filters Oil Pressure low idle Oil Pressure rated RPM			
82 L (21.7 gal) 7 bar (101.4 psi) 4.4 bar (63.8 psi)			