



**Electric System - DC**

System Voltage (Nominal).....	12 V
Battery Capacity for Ambient above 32°F (0°C)	
Voltage (Nominal).....	12 V
Current Capacity - Amp/hr.....	150
Qty. per Battery Bank.....	1
CCA at 0°F (-18°C).....	640
Reserve Capacity - Minutes.....	260
Battery Cable Minimum Size - mm <sup>2</sup> .....	35
Charging Alternator Output - Amp.....	35
Starter Cranking Amps - at 60°F (15°C).....	250 - 350

**Exhaust System**

	2800	2900	3000
Exhaust Flow - ft <sup>3</sup> /min (m <sup>3</sup> /min).....	439.1(12.4)	452(12.8)	461.3(13.1)
Exhaust Temperature - °F (°C).....	1225(663)	1229(665)	1238(670)
Max. Allowable Back Pressure - in H <sub>2</sub> O(kPa).....	16(4)		
Exhaust pipe Dia. In (mm) for further exhaust piping(Min.).....	4 (100)		

**Fuel System**

	2800	2900	3000
Fuel Consumption - gal/hr (L/hr).....	3.64(13.8)	3.7(14)	3.75(14.2)
Fuel Return - gal/hr (L/hr).....	34.96(132.2)	35.4(134)	35.85(135.8)
Total Supply Fuel Flow - gal/hr (L/hr).....	38.6(146)	39.1(148)	39.6(150)
Fuel Pressure - lb/in <sup>2</sup> (kPa).....	36.25(250)		
Fuel Supply Line Size(Min.) - in(mm) .....	0.5(12.7)		
Fuel Return Line Size(Min.) - in(mm).....	0.375(9.5)		
Max. Allowable Fuel Pump Suction With Clean Filter - in H <sub>2</sub> O (m H <sub>2</sub> O).....	31 (0.8)		
Max. Allowable Fuel Head Above Fuel Pump Supply or Return - m (ft).....	5 (16.4)		
Fuel Filter Size - Micron.....	3 - 5 micron		

**Heater System**

Jacket Water Heater.....	Standard
Wattage (Nominal).....	1500
Voltage - AC, 1P.....	240

Continued.....

**Air Intake System****2800                      2900                      3000**

Air Cleaner Type.....	Dry type, Indoor service only		
Air Intake Restriction Maximum Limit			
Dirty Air Cleaner - in H <sub>2</sub> O (kPa).....	7.1(1.8) for 2800 to 3000 rpm		
Clean Air Cleaner - in H <sub>2</sub> O (kPa).....	4(1.0)		
Engine Air Flow - ft <sup>3</sup> /min (m <sup>3</sup> /min).....	134.2(3.8)	137.9(3.9)	140(4)
Air Temperature(At Engine Inlet) - °F (°C).....	113(45) Max. Allowable		

**Lubrication System**

Oil Pressure(Normal) - lb/in <sup>2</sup> (kPa).....	36.26 to 79.77 (250 to 550)		
Oil Temperature(In Pan) - °F (°C) (max.).....	248 (120)		
Oil Pan Capacity, High - L.....	10		
Low - L.....	8.0		
Total Oil Capacity with filter - L.....	11.5		

**Performance****2800                      2900                      3000**

BMEP - lb/in <sup>2</sup> (kPa).....	81.5(562)	77.3(533)	73.4(506)
Piston Speed - ft/min (m/min).....	2058(627)	2132(650)	2205(672)
Mechanical Noise - dB(A) at 1m.....	102 approx.		
Power Curve.....	Performance curve No. : EPC - UF05 - 00		

Note : The unit 'gal/hr or gal/min' mentioned in above data sheet is US gallon.