

Specification:

Engine Type: G3616 spark ignited, prechamber, low emissions
Engine S/N: 4CG00055
Engine Rating: 2T5621 => 4445 BHP (3316 BKW) @ 1000 RPM
Personality Module: 125-9500
Exhaust Emissions: NOx - 0.58 g/BHphr, CO - 2.0 g/BHphr (@ rated load and speed)
Cooling:
 Jacket water circuit: Radiator
 Separate circuit: Radiator
Coolant: Caterpillar Long Life Coolant (p/n 101-2845)
After cooler / oil cooler Water Temperature: 149 °F outlet of system
Jacket Water Temperature: 188 °F outlet of engine
Hi Idle: 1000 RPM
Lo Idle: 550
Fuel: Pipeline natural gas (~927 BTU/SCF, Methane # 87, Wobbe Index 1213)
Oil: Caterpillar Natural Gas Engine Oil SAE 30 (P/N 7X2461)
Drive Coupling (engine to gearbox): Vulkan-Rato-R G3331R
Drive Coupling (gearbox to pump): Kop-Flex 404 KS Disc Coupling
Driven equipment: Gearbox - Lufkin Industries Inc.
 Pump - United Centrifugal Pump
Package Control Supplier: Caterpillar Large Engine Center, Lafayette IN
Packager/OEM: Caterpillar Large Engine Center, Lafayette IN
Engineering/Consulting Company: Stone & Webster, Cherry Hill, NJ
Selling Dealer: Ransome Power Systems, Bensalem PA
Servicing Dealer: Ransome Power Systems, Bensalem PA
End User: Colonial Pipeline Co. , Woodbury, NJ

Site Conditions:

Location: Woodbury, NJ (just East of Philadelphia, PA)
Elevation: 50 feet
Engine covering: Insulated, sound attenuating, steel building
Ambient Range: - 10 to 105°F
Relative Humidity Ave. : 50 to 100%
Air Quality: Good

Date of Commissioning: August 12-31, 1996