These performance curves represent the performance available for the specified ratings at 500 feet (150m) altitude (29.00 in. Hg [736mm Hg] dry barometer), 85°F. (29°C.) intake air temperature and 0.38 in. Hg (9.6mm Hg) water vapor pressure (S.A.E. J816b test conditions).

Fuel consumption curves based on fuel weight of 7.0 lbs./U.S. gallon (0.84 kg/l).

1. Gross Brake Horsepower.
2. Net horsepower with reverse reduction gear, alternator and raw water pump.
3. Hypothetical propeller power curve (2.7 exponent for Pleasure Boat and Light Duty Commercial Performance, and 3.0 exponent for Continuous Duty Performance).
4. Fuel consumption for net shaft horsepower.
5. Fuel consumption for hypothetical propeller.

The following definitions should be used as a guide in selecting the appropriate rating for a specific application.

Pleasure Boat Rating — This is the maximum rating and is intended for use in variable load applications where the average load factor does not exceed the continuous rating and where full throttle operation does not exceed 15 minutes duration in any one hour.

Light Duty Commercial Rating — This rating is intended for use in applications where the average load factor does not exceed the continuous rating and where full throttle does not exceed eight hours total in any 24-hour period.

Continuous Duty Rating — This is a 24-hour continuous rating and is intended for use in applications requiring uninterrupted service at full throttle operation.

DEFINITION: Load factor is defined as the arithmetic mean of the load profile at the normal duty cycle, not including prolonged periods at idle operation.

Design Features Continued

Fuel System: Cummins exclusive low pressure PT™ system with wear compensating pump and integral dual flyball governor. Camshaft actuated fuel injectors give accurate metering and precise timing. Fuel lines are internal drilled passages in cylinder heads. Spin-on fuel filter.

Gear Train: Timing gears and accessory drive gears are induction hardened, spur gears driven from crankshaft, and located at rear of block.

Lubrication: Large capacity gear pump provides pressure lubrication to all bearings. Oil cooler and full-flow filters maintain oil condition and maximize oil and engine life.

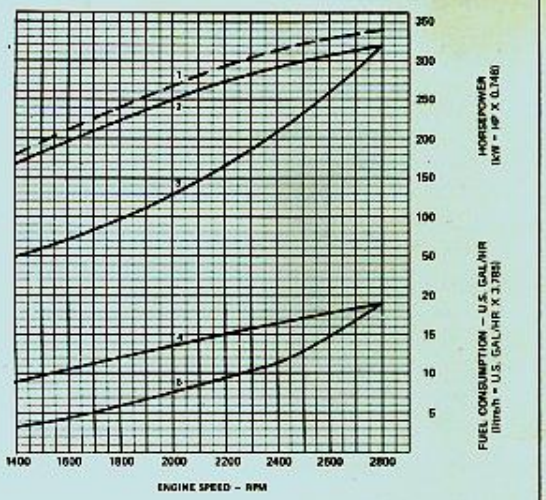
Pistons: Aluminum alloy, cam ground and barrel shaped to compensate for thermal expansion assures precise fit at operating temperatures. CeCorr™ grooved skirt finish provides superior lubrication. Two compression and one oil ring.

Piston Pins: Full floating, tubular steel retained by snap rings. 1.75 in. (44 mm) diameter.

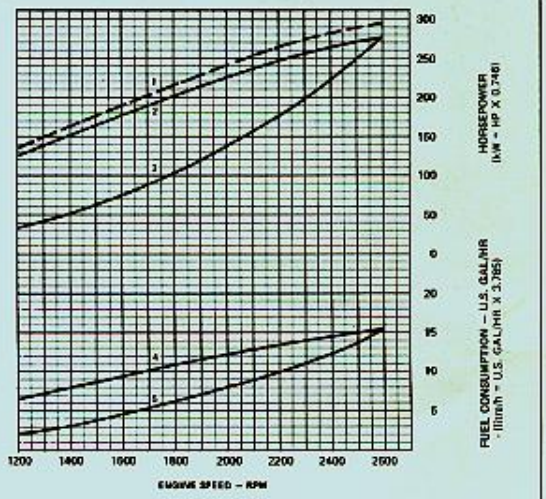
Turbocharger: Cummins exhaust gas driven turbocharger mounted at rear of engine. Turbocharging provides more power, improved fuel economy and lower smoke and noise levels.

Valves: Dual 1.875 in (48 mm) diameter poppet type intake and exhaust valves. Wear resistant face on exhaust valves.

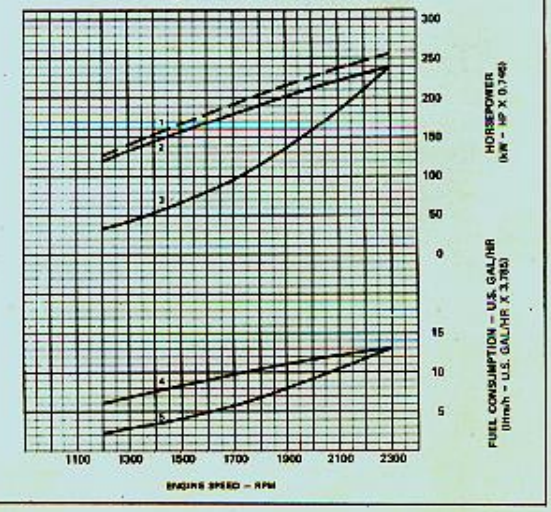
Pleasure Boat Performance



Light Duty Commercial Performance



Continuous Duty Performance



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