

## Available Equipment

**Accessory Drive:** 7 in. (178 mm) diameter pulley mounted on port side at front of engine.

**Air Intake System:** Two normal duty dry type air cleaners mounted or not mounted. Air restriction indicators.

**Alternator:** 24 or 32 volt, grounded or insulated alternator of various amperage outputs. Includes built-in voltage regulator. Alternator belt guard.

**By-Pass Oil Filter:** Dual element spin-on filters, mounted or not mounted.

**Cooling System:** Mounted heat exchanger with copper-nickel tube bundle, including expansion tank and sight glass. Self priming raw water pump gear driven.

**Crankshaft Pulley:** 5 groove poly-V-belt pulley. Three groove crankshaft pulley available with front PTO clutch.

**Electrical Accessories:** Starting switch, starter relay switch, low oil pressure and high water temperature alarm switch, 24 volt alarm horn.

**Engine Support:** Trunnion type front support. Rear engine and marine gear supports for various marine gears. Base rails with 45.75 in. (1 162 mm) centers for use with engine only or engine and marine gear.

**Exhaust Outlet:** Supported 90-degree exhaust elbows with 8 in. (203 mm) ASA flange. 18 in. (457 mm) flexible exhaust connection.

**Flywheel Housing and Flywheel:** SAE 0 with 19 in. (483 mm) or 22.5 in. (572 mm) overcenter clutch adaptation.

**Front Power Take-Off:** Front PTO clutch for 150 HP (112 KW) continuous use application or 250 HP (187 KW) intermittent use application.

**Fuel System Accessories:** Fuel supply and injector drain line check valves. Float tank 4.0 gal. (15.1 L) capacity not mounted. Fuel-water separator mounted.

**Hydraulic Pump Drive:** Hydraulic pump drive located at front of engine on starboard side for SAE A and SAE B hydraulic pumps. Drive ratio is 1.10 times engine speed.

**Instrumentation:** Mounted and remote panels with water temperature gauge, oil pressure gauge, volt meter, hourmeter, tachometer, gear oil pressure gauge. Exhaust pyrometer in mounted panel only. Fuel pump-mounted mechanical service meter.

**Marine Agency Certification:** Available from American Bureau of Shipping, Lloyd's Register of Shipping, Det Norske Veritas, Canadian Coast Guard Ship Safety Branch, Bureau Veritas or Registro Italiano Navale.

**Marine Agency Hardware:** Duplex lube oil and fuel filters. Connections for emergency water and oil supply.

**Marine Gear:** Twin Disc MG-530, MG-540. Capitol HPI-9400, HPI-10500. Various ratios.

**Marine Gear Oil Cooler:** Available for remote mounting.

**Oil Level:** Dipstick mounted port or starboard side. Mounted sight glass.

**Oil Drain Accessories:** Mounted rotary type sump pump for draining oil pan and marine gear sump.

**Oil Pan:** Center sump 30 gal. (114 L) normal capacity or 50 gal. (189 L) high capacity.

**Starter:** 24 or 32 volt electric starter mounted on port or starboard side. Air starter mounted on port or starboard side. Air tank and air valves not mounted.

