



IPD Products for MARINE INDUSTRY

Caterpillar®

**333/342/343/346/348/353/379/398/399
3116/3208/ 3304/3306/3400 Series/3500 Series
C12/C13/C15/C18/C27/C32**

The Standard for Quality, Innovation, Service and Support Since 1955

SAVINGS WITHOUT RISK

IPD Parts = Quality & Reliability & Long Life = Improved Engine Uptime

IPD is a leading aftermarket supplier of quality repair & replacement parts for marine industry engines. IPD understands that engine uptime is a critical measure of performance for a boat owner and crew, and that consistent quality repair parts are a key factor to ensure reliability, efficiency, and in lowering your costs of operation.

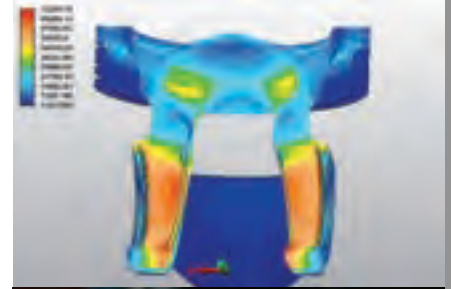
Quality Assurance

- IPD parts specifications based on OE designs, from critical dimensions, to metallurgy, to component specific features (such as performance enhancing shapes/contours, material hardness, and surface finishes and coatings)
- IPD invests in technology to ensure quality, from finite element analysis, to specialized advanced metrology equipment (for accurate dimensional measurements), to quality confirmation inspections...IPD is dedicated to superior parts quality
- Quality oriented processes are documented and audited to ensure IPD parts perform as intended (IPD is ISO9001-2008 quality certified by Lloyd's Register)

Technical Innovation & Customer Service/Support

- IPD design pistons lead the aftermarket, from aluminum to **IPDSteel™** (2 piece articulated, 1 piece, and the latest 2 piece friction welded designs...all protected by IPD patents or patents pending)
- **IPDStyle 1-2-3™** gasket sets combine all of the heavy-duty components you need to complete an engine overhaul, all in one part number (replaces several OE part numbers)
- IPD offers technical support that is unsurpassed in the aftermarket (on-line technical support, exclusive on-line catalog, technical series videos and bulletins, expert technical and applications staff)
- Worldwide network of knowledgeable distribution and customer service staff (**IPDNet** on-line catalog and ordering system available exclusively for authorized distributors)

Industry leading parts warranty coverage of 1 year / 3,600 hours of operation for marine industry off-highway diesel engines.



IPD PRODUCT AVAILABILITY

Diesel Engine	Cyl. Kit Parts	Engine Bearings	OEM Style Gasket Sets	IPD Style Gasket Sets	Valve Train Parts	Water Pump and/or Repair Parts	Oil Coolers & Pump Repair Parts	Fuel Injector or Nozzle	Misc. Fuel System Parts	Crankshaft and/or Camshaft
Caterpillar®										
333	●	●	●	●	●					●
342/343/346/348	●	●	●	●	●					
353/379/398/399	●	●	●	●	●	●		●	●	
3116	●	●	●	●	●	●	●	●	●	●
3208	●	●	●	●	●	●	●	●	●	●
3304/3306	●	●	●	●	●	●	●	●	●	●
3400 series	●	●	●	●	●	●	●	●	●	●
3500 series	●	●	●	●	●	●				
C12	●	●	●	●	●	●	●	●	●	
C13	●	●	●	●	●					
C15	●	●	●	●	●	●	●		●	●
C18		●	●	●	●		●			
C27	●	●		●	●	●	●			
C32		●	●	●	●	●	●			



IPD provides a wide range of quality/precision-engineered engine repair parts for the marine industry

- Cylinder kits (piston & liner assemblies) and components
 - o Pistons, rings, pins, retainers
 - o Induction-hardened cylinder liners
- Standard and oversize engine bearings, bushings, thrust plates
- Valvetrain (valves, seats, springs, guides, locks, lifters, rotocoils)
- OE style and **IPD**Style 1-2-3™ comprehensive gaskets and sets
- Miscellaneous components (crankshafts/camshafts, cylinder block repair sleeves, spacer plates, and more)

