

## **IPD Products for Cummins K Series ... 19L / 38L / 50L**



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

# HEAVY-DUTY PARTS

IPD Value and Performance...Real COST PER HOUR Savings

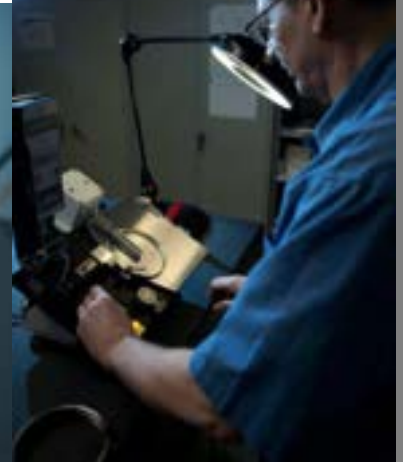
Cummins K Series engines (19L/38L/50L) have been powering heavy-duty equipment for several decades over a wide range of industries (mining, construction, power generation, rail, drilling, marine, and more). IPD's heavy-duty engine repair parts provide reliable performance that is backed by one of the most experienced aftermarket parts manufacturers in the world.

- IPD is the **leading aftermarket supplier** of high quality repair & replacement parts for heavy-duty engines
- IPD parts are **engineered in the USA** with specifications based on original equipment (OE) parts
- **Wide range of repair parts** available for heavy-duty work engines (from comprehensive parts kits to small but critical gaskets and seals)
- **Over 60 years of leadership** in the aftermarket (technical, engineering, design, manufacturing, and quality)
- IPD is an **ISO9001-2008 quality process certified**
- **Worldwide customer service & distribution** network
- **Industry leading warranty** coverage



## QUALITY CONTROL & ASSURANCE

Machinery and equipment owners worldwide rely on IPD engine parts to provide **cost effective OE-level reliability, quality, and durability**. IPD parts are ready to meet the demands of the harsh conditions that K Series engines typically endure. IPD's engineering, manufacturing, and quality processes ensure **precision parts that are cost effective, reliable and durable**. From **precision metrological processes to detailed parts specifications, expert engineering and manufacturing, detailed quality systems, premium packaging, and industry leading customer and technical support**...IPD parts are your key to success.



## IPD PRODUCT AVAILABILITY

IPD provides a wide range of quality/precision-engineered repair parts for K Series engines, as follows:

- **Piston Kits** (Piston, Pin, Retainers)
  - Industry leading / OE style anodized piston coating
  - Ni-Resist rings (on 2 grooves) for added durability and resistance to corrosion
- **Cylinder Liner Kits** (parts available for 3 engine block types)
  - Precision honed to minimize ring wear and oil consumption
- **Cylinder Head Components / Valvetrain**
  - Valve Kits, Guides, Rotators, Seats, Springs
  - Parts available for 6 cylinder head types
  - Cobalt based alloy valve seat facing material for high resistance to high temperature, wear, galling and corrosion
  - Nickel based austenitic matrix valve seat with molybdenum and chrome content for hardness and strength
  - Special Cr-Si alloy steel valve spring wire for high tensile strength and fatigue resistance
- **Engine Bearings** (Camshaft, Connecting Rod, Main, Thrust)
  - Copper alloy lining made specifically for high loads and high fatigue strength and cavitation erosion resistance
  - High quality conformable overlay material for added fatigue and corrosion resistance
- **Lubrication System** (Oil Cooler, Oil Pump, Piston Cooling Nozzle)
- **Fuel System** (Fuel Injectors)
- **Gasket Sets** (Single, Upper, Lower)
  - From woven steel core to high temperature materials, to cold rolled/carbon steel and Teflon® hydrodynamic crankshaft oil seals...IPD's configuration experts determine the best materials to use for each installation
- **Miscellaneous**
  - Cam Followers, Gaskets and Seals

Please consult with IPD's Quick Reference Guide (available on-line and in print) for specific part number details. Authorized distributors can access IPD's on-line catalog via the **IPDNet**.





## IPD PARTS ENGINE APPLICATIONS

### CATERPILLAR<sup>®</sup>

C7, C9, C10, C12, C13, C15, C18, C27, C32

D3508/D3512/D3516/D3524

G3508/G3512/G3516/G3520

D3406E/D3408E/D3412E

D3406/D3408/D3412

G3406/G3408/G3412

D3304/D3306

G3304/G3306

3204/3208

3114/3116/3126/3176C/3196

3064/3066

D333/D339/D342/D343/D346/D348/D353/D379/D398/D399

G333/G342/G353/G379/G398/G399

### CUMMINS<sup>®</sup>

ISX/QSX, ISX15/QSX15, K Series (19L/38L/50L)

### DETROIT DIESEL<sup>®</sup>

60 Series

### WAUKESHA<sup>®</sup>

VHP Series (7042/7044)

### VOLVO<sup>®</sup>

D12

## Your Local IPD Dealer



**Purrformance Diesel, Inc.**  
**16901 McVay Road.**  
**Fredericktown, OH 43019**

### Contact Us

**(740) 392-3693**

**parts@purrformancediesel.com**

**<https://purrformancediesel.com>**

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