

KIT CONTENTS



HP Main Bearings (HP-1)

HP-1 coating lowers friction to 1/3 of the original value, thus preventing abrasive wear.

Low Friction	Wear Resistant	Corrosion Protection
Longer Life	Better Fuel Economy	Better Lubrication



HP Piston Rings (HP-1)

Dry-Film Lubrication system Provides lubrication to lower friction This system also protects the piston rings by preventing micro-welding and abrasive wear.

(Top Rings Only)

Oil & Fuel Resistant	Better Lubrication	Corrosion Protection
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HP Piston Crown (HP-2)

HP-2 Ceramic Thermal Barrier Coatings are applied to piston domes that protects parts from damage and improves horsepower by preventing thermal loss.

Protects 2000° F+	Corrosion Protection	Heat Resistant
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HP Piston Skirt (HP-3)

HP-3 is a proprietary formulation of anti-friction coating applied to the piston skirt, to decrease friction on the cylinder walls.

Low Coefficient of Friction	Wear Resistant	Corrosion Protection
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HP Liner (Groove Technology)

PAI's patented Groove Technology cooling design improves the temperature stability of the liner. Combined with high alloy gray iron material to increase tensile strength

Temperature Stability	Prevent Blow-Out	Control Oil Consumption
Longer Life Performance	Increase Strength	Prevent Flange Cracks
Cavitation Resistant	Corrosion Resistant	



HP Piston Pin (ISF)

Isotropic Super Finishing (ISF) produces an extremely fine non directional surface finish greatly reducing friction, and combats parasitic loss.

Better Fuel Economy	Runs Smoother	Longer Life
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