



# INTERSTATE-McBEE



**Serving the diesel and natural gas industry for over 60 years.**



## 50/60 Series Product Spotlight

Interstate-McBee is proud to announce Cylinder Kits as well as In and Out of Frame Kits for Detroit Diesel 50/60 Series DDECII and DDECIII engine applications.

*Asymmetrical struts for maximum load carrying capacity.*

*Blended corners at fillet radius.*



**Interstate-McBee Crown**

**Competitive Crown**

After years of development, the Interstate-McBee piston crowns have been engineered for strength and durability. Careful design of the under crown strut size and configuration provides structural strength. Development of a high strength cast iron material has given the Interstate-McBee crown the durability in extended testing cycles in real world heavy hauling conditions. Interstate-McBee's own unique bushing design has shown increased retention. By installing the bushings in our factory, you save assembly time in your shop helping to increase your bottom line.

The patented Interstate-McBee liner features unique grooves that can improve cooling efficiency of the liner by up to 40%. The A-23531502 is manufactured to exacting standards from an alloyed cast iron material called Bainite. This hardened material can give the liner increased durability against wear. The flange on the Interstate-McBee liner is roll burnished for increased fatigue strength. Roll burnishing is a process of mechanically working the under flange fillet radius increasing strength.



**Competitive Liner**

**Interstate-McBee Liner**

*Roll Burnished Flange.*

*Addition of cooling grooves for added heat dissipation in the upper coolant area.*

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## 50/60 Series Product Spotlight



Interstate-McBee manufactures gaskets in our Cleveland Ohio facility allowing consistent quality through out the manufacturing process. Using only the highest quality raw materials Interstate-McBee offers a full line of gaskets and seals for the 50/60 Series applications. The head gaskets for these engines feature a graphite composite body. The high temperature water seals are mechanically affixed for maximum retention.



**50/60 Series injectors** remanufactured by Interstate-McBee provide higher performance and longer life. Unlike competitive injectors, we don't just "clean & check" our remanufactured injectors. All Interstate-McBee cores are disassembled and each part is processed to be in "like new" condition. Holes in the injector nozzles degrade over time causing loss of power, excessive smoke and poor fuel economy. Some competitor's injectors re-use the old nozzles, but Interstate-McBee guarantees a NEW nozzle in every S50 / S60 injector. Also, S50 / S60 injectors perform the best when a properly tested injector has the correct "Flow Code" to be entered into the ECM. Every Interstate-McBee injector is tested on computerized test equipment to assure the proper flow coding. These and other processes are why Interstate-McBee S50 / S60 injectors provide higher performance and longer life.

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