



# IPD DIFFERENTIATION BULLETIN

**IPD Differentiation:**  
**IPD CREVICE SEAL STYLE LINERS  
FOR 3400 & C15 CATERPILLAR®  
ENGINES**

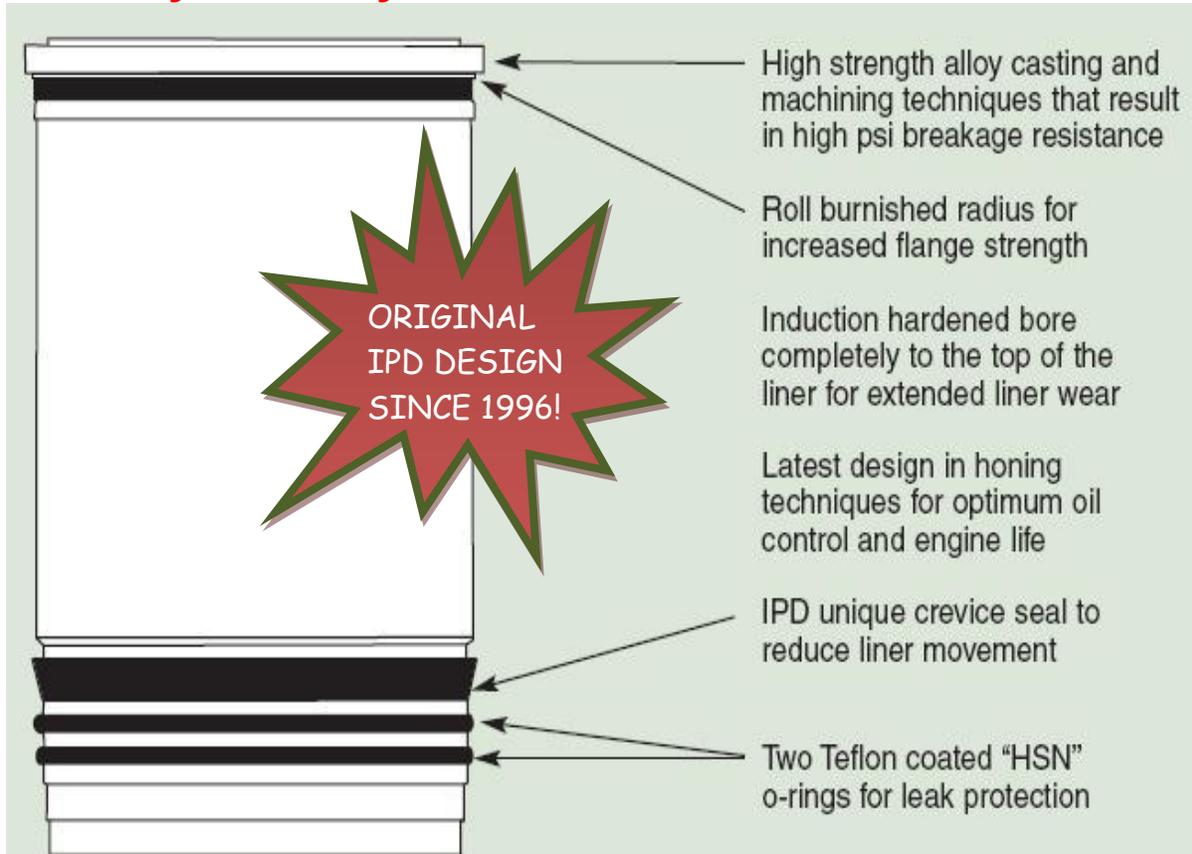
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*If the cylinder liners  
you remove look like  
this...*

*Then you may need this...*



The **ORIGINAL IPD CS Cylinder Liner** (Crevice Seal) Style Cylinder Liner from Caterpillar 3406 & C15 engines!  
Continued...

*Don't be fooled by imitators*, Others do not hold the critical tolerances that today's higher cylinder pressures and Steel piston applications demand!

Only the proven IPD CS style liner has been performing in the field for over 13 years! Many thousands have been successfully installed and many IPD customers have come to specify only the *Original IPD CS Cylinder Liner* for their engines.

Top signs that you may need to consider our *Original IPD CS Cylinder Liner*?

1. The liners and or o-rings you remove are severely deteriorated at the lower bore area such as the picture shown at the top of previous page.
2. Your lower bore in the block is deteriorated from the liner movement.
3. The o-rings you remove are hard, square or flattened out to the point they no longer held back the coolant.

Key points to consider on how the *Original IPD CS Cylinder Liner* may help you:

- Supports the flange each time the cylinder fires and the piston tries to drag the liner into the crankcase, especially today's higher horsepower, steel piston applications!
- Stops further deterioration of top chamfer of the lower bore of the cylinder block
- Keeps the two lower O-rings from becoming square and useless due to excessive vibration resulting in loss of coolant into the oil pan and potentially substantial engine damage.

**Why bother?**

**Our complete solution includes providing products that will provide the *engine performance and life that the owner expects without compromise*. While this does not always translate to the lowest price product – it does assure the best overall value considering cost and performance.**

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