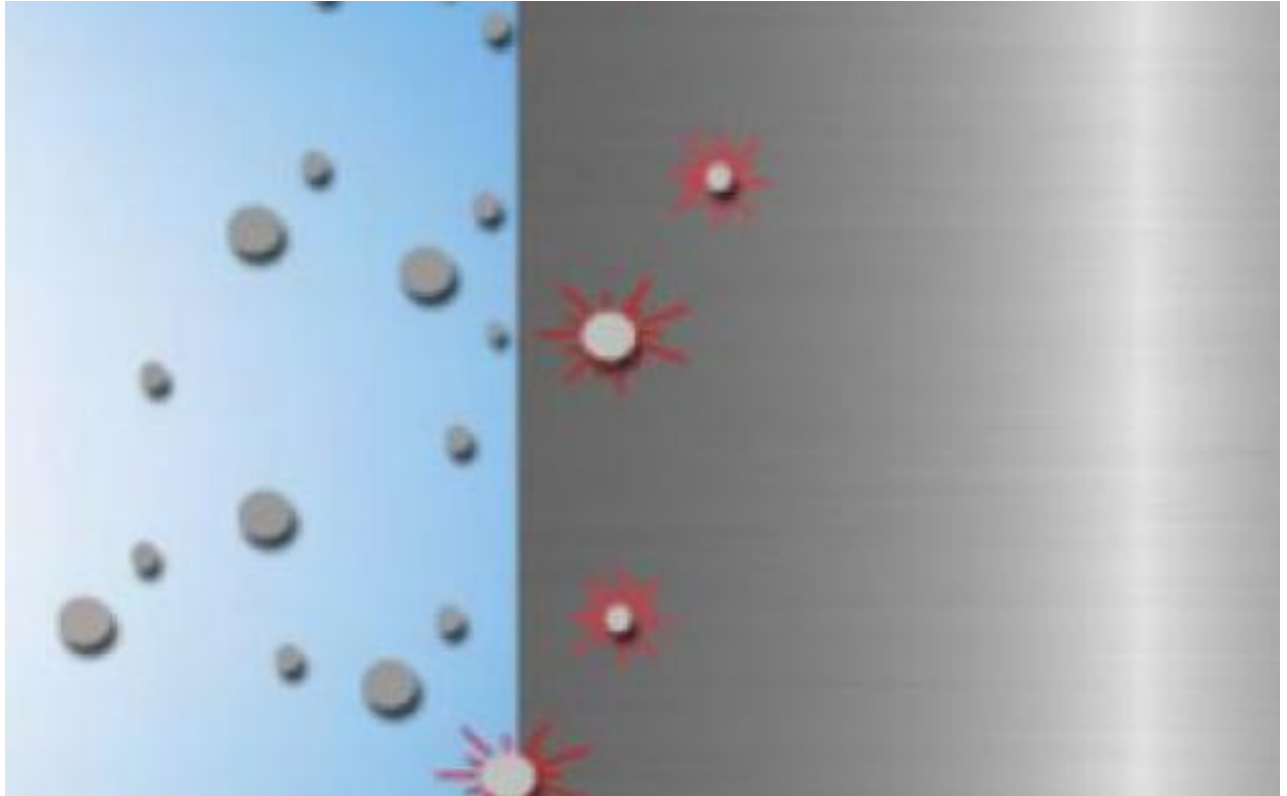


## Cavitation or Liner Pitting

divtop



• [1]

The pistons in your engine move up and down about 2,000 times a minute. While they move vertically, the crankshaft is performing a completely different movement by rotating horizontally. These contradictory movements cause significant vibration in your engine's liners. Although the outer wall of the liner is surrounded by cooling fluid, the fluid's inertia creates tiny vacuum pockets, causing bubbles of vapour form on the liner wall. When the liner vibrates back through the vacuum pockets, these bubbles implode under an enormous pressure of 1,000 bar and take small chunks out of the liner.

No

### Links

[1] [https://www.cumminsfiltration.com/sites/default/files/Cavitation\\_2.JPG](https://www.cumminsfiltration.com/sites/default/files/Cavitation_2.JPG)