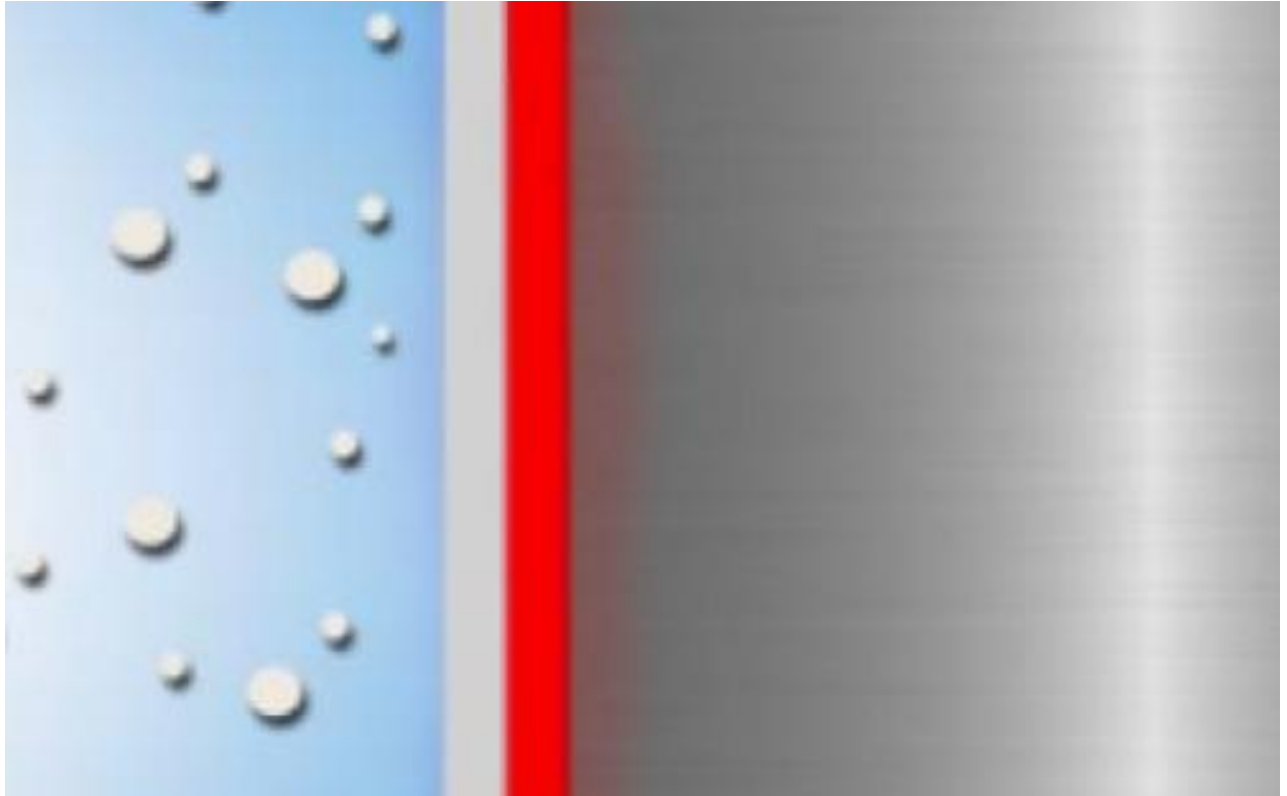


Scaling

divtop



• [1]

Coolant consists of 48% good-quality water, 48% glycol and 4% coolant additives. Tap water is always slightly hard because of minerals such as calcium, magnesium, etc., which cause scale to develop. The detrimental effect of scale takes place in the hot spots of your engine, just as it does when you boil water in your kettle. In the engine, these hot spots are the liners and the cylinder heads. 1 mm layer of scale has the same insulating effect as 75 mm of cast iron (!) and the heat cannot dissipate from your engine's combustion chamber anymore. The consequences are worn piston rings, higher oil consumption and, in the worst cases, total engine failure.

No

Links

[1] https://www.cumminsfiltration.com/sites/default/files/Scaling_0.JPG