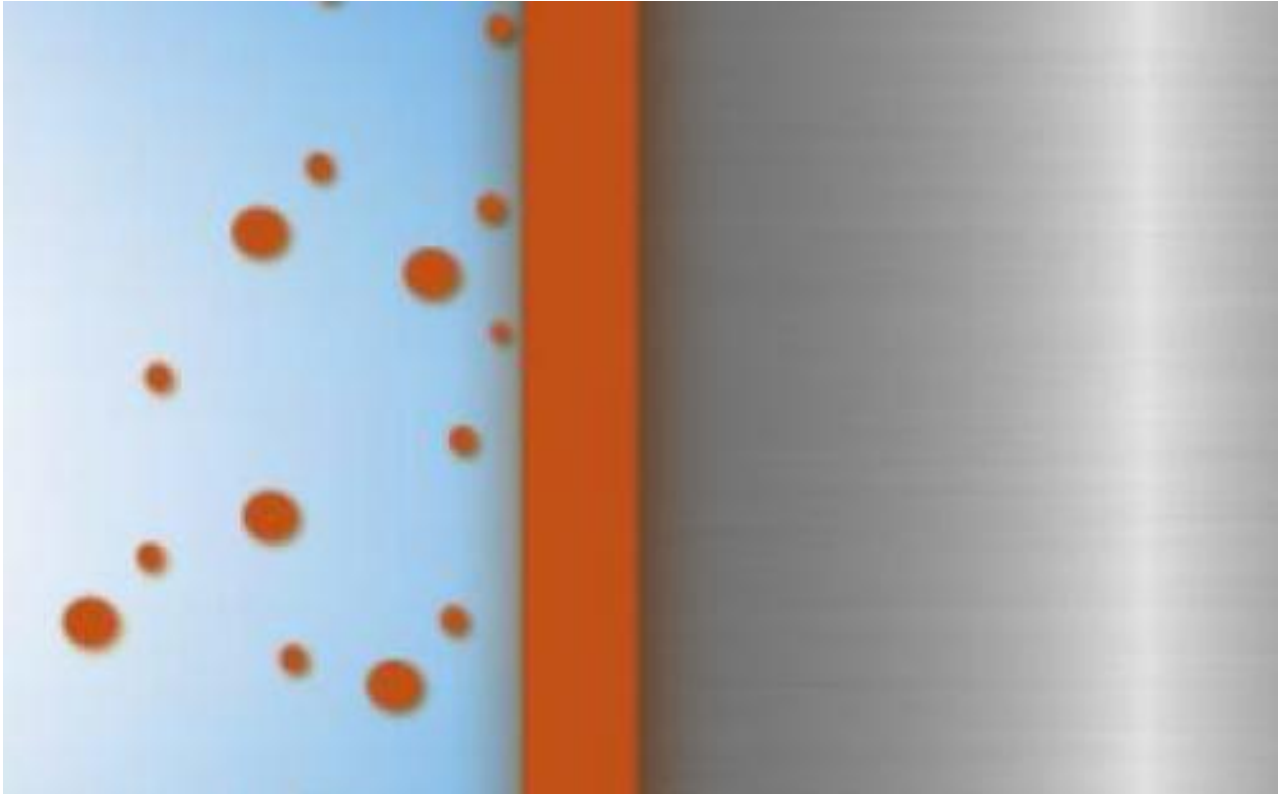


Aluminum Corrosion

divtop



• [1]

More and more engine manufacturers are using aluminium to reduce weight in cooling systems. But there is a price for weight reduction: Aluminium is the most sensitive material in the system, and corrosion is its biggest problem. Corrosion is not a question of age; corrosion attacks an engine as early as 2,000 hours or 400,000 km.

- Oxygen in the cooling system reacts with metal parts
- In the engine, oxidation = rust
- Water pumps, radiators, thermostats and manifolds are affected
- Radiators get blocked
- Engine overheats = repair costs, downtime
- Leaks appear

No

Description

Links

[1] https://www.cumminsfiltration.com/sites/default/files/Aluminum%20Corrosion_0.JPG