



Scrape Down Analysis - Iron Detection

The interaction of fuel and lube oil is more challenging after the new regulations of low sulfur fuel (VLSFO) became effective. While too high a contamination with iron particles leads inevitably to severe damage on piston ring and cylinder also too low values will cause major problems.

The result of low iron values is the beginning of polished cylinders due to lack of lubricant film and will end in scuffing if no countermeasures are started.

