



Fluid Analysis Services

COOLANT ANALYSIS

To meet the rigorous demands of the modern, heavy duty diesel engine, the cooling system must be maintained as diligently as any other mechanical component of the machine. Modern diesel engine coolants such as Caterpillar's Extended Life Coolant (ELC) are designed to have a long service life and require little maintenance intervention. However regular laboratory monitoring is essential for early detection of cooling system problems and to ensure that the best possible service life of expensive coolants and cooling systems are achieved.

Overheating, overcooling, pitting, cavitation, erosion, cracked heads, piston seizures and plugged radiators are classic cooling system failures.

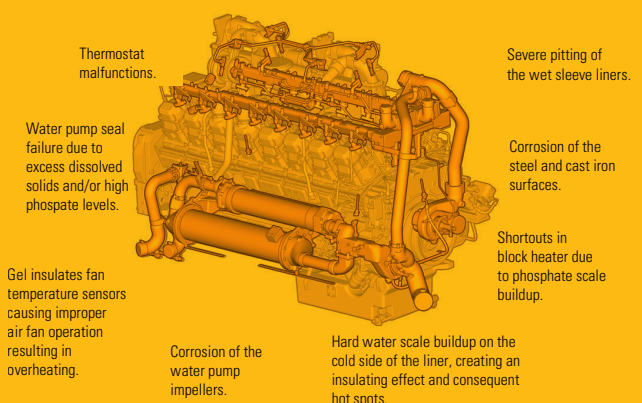
Coolant samples can be collected in the normal S-O-S sample bottles and forwarded to the laboratory. For additional information phone: (07) 3365 9391

www.hastingsdeering.com.au

COMPONENTS OF THE TESTING PROGRAM

Coolant Analysis Package: Conductivity, pH level, Nitrite, Nitrate, Glycol %, Aluminum, Copper, Chromium, Iron, Lead, Tin, Silicon, Sodium, Boron, Molybdenum, Phosphorous, Calcium, Sulphate, Chloride, Potassium, Magnesium, Visual and Olfactory Analysis.

COMMON COOLING SYSTEM PROBLEMS



For more about fluid analysis
CALL 131 228

Condition Monitoring Centre

S-O-S[™] Fluid Analysis Laboratory 

Hastings Deering

