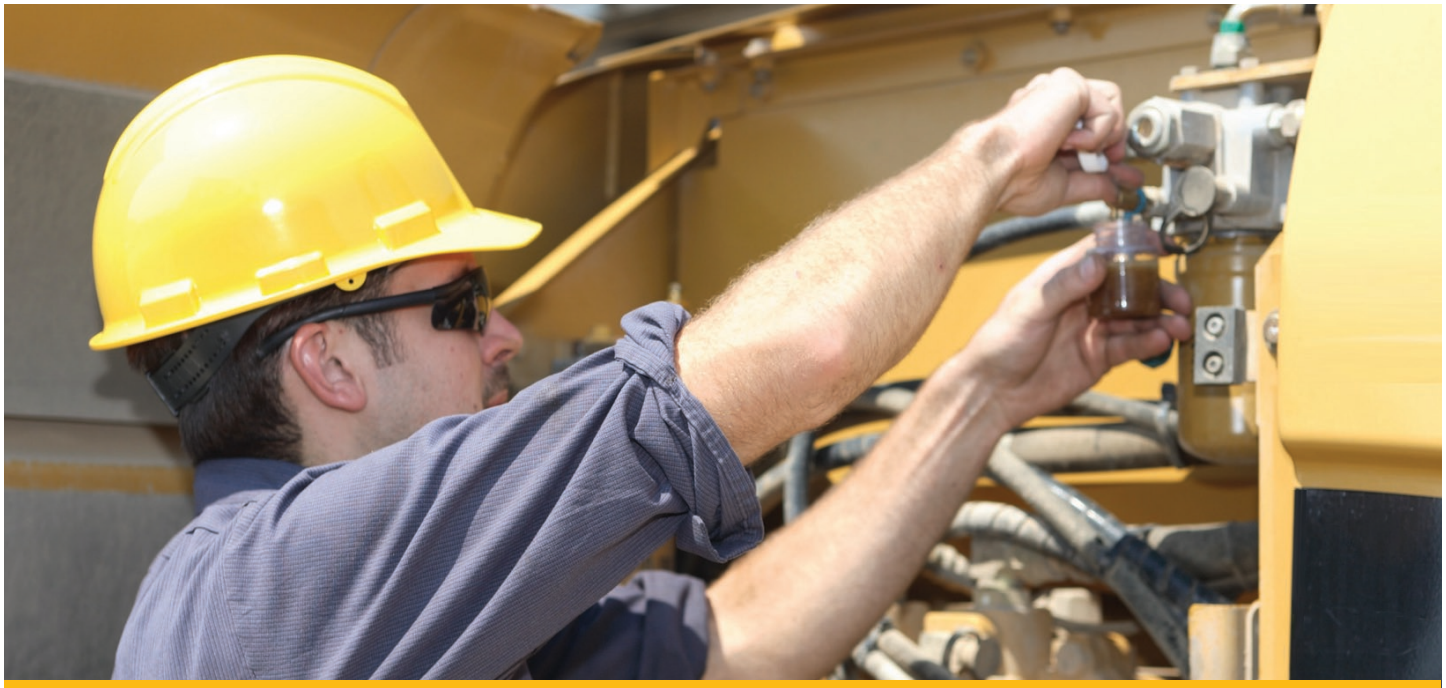

Fluid Analysis Services

DIESEL ANALYSIS

Fuel is probably the largest single expense faced by heavy equipment operators. It pays to ensure that the quality of the fuel you have purchased is up to the job. Contaminated fuel can reduce the engine performance and may cause abnormal or catastrophic wear in engine components such as fuel pumps and injectors.

Diesel fuel testing ensures that you will not sacrifice power or reliability by using a sub-standard product. The program detects fuel deterioration and determines if inherent qualities fall within required limits.

Part number for Diesel analysis kit: SOS8

www.hastingsdeering.com.au

Components of the testing program:

Inherent characteristics and quality indicators.

- Colour (ASTM D4176)
- Lubricity (ASTM D6079-99)
- Distillation (ASTM D86-11a)
- Specific Gravity (ASTM D4052)
- Calculated Cetane Index (ASTM D4737-03)
- Flash Point
- Cloud Point (ASTM D2500)
- Viscosity
- Appearance (ASTM D4176)

Contamination

- Micro-organisms
- PQ Index
- Water & Sediment (ASTM D1796)
- Particle Count (ISO 4406.2)
- Moisture by Karl Fischer (ASTM D6304-04a)

Elemental composition

- Sulphur
- Iron
- Silicon
- Aluminium
- Vanadium
- Sodium
- Phosphorous
- Calcium
- Magnesium
- Zinc

For more about fluid analysis
CALL **131 228**

Hastings Deering CAT

Condition Monitoring Centre
S·O·S℠ Fluid Analysis Laboratory

FORM PS021 (09/11)