

# WILLIAM ADAMS

S•O•S<sup>SM</sup> FLUID ANALYSIS



## Committed to keep your equipment working

*S•O•S Services are one element of a condition monitoring philosophy that you can put into place with your equipment to monitor the impact of your maintenance program.*

William Adams S•O•S Services Fluid Analysis offers you valuable resources for better equipment management. Working together with us, you can take the simple process of fluid sampling and combine it with state-of-the-art analysis and clear, easy-to-understand reporting to create not only optimized equipment performance, but also improved cost control.

### OIL ANALYSIS

The analysis we use monitors the condition of fluid compartments and help identify potential problems. A wide range of tests are used to determine the condition of the oil and the condition of the lubricated compartment. The tests include analysis on Wear, Cleanliness, Condition and Contamination. Additional tests are offered for TAN/TBN.

### COOLANT ANALYSIS

Cooling system problems will reduce the life of engines. Coolant analysis, together with oil analysis provides a complete and accurate method for monitoring the health of engine systems. Our Coolant analysis determines if coolant has the correct chemical balances for proper heat and corrosion control. It also identifies corrosion, contaminants and impurities in the cooling system.

### DIESEL FUEL ANALYSIS

The tests provided in our fuel analysis program are designed to identify the characteristics of the diesel fuel that may contribute to common fuel system problems. Our program offers 2 levels of analysis

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Test Element		Oil	TAN/TBN	Coolant	Diesel
V40	Viscosity at 40°C (Sct)				
OXI	Oxidation				
SUL	Sulphur Products				
NIT	Nitration				
ST	Soot				
PQ	Particle Quantifier (Index)				
W	Water (%)				
F	Fuel Dilution (%)				
ISO	Particle Count by ISO Code ( 1117:1999)				
PHY	Visual Inspection of sample				
Al	Aluminium				
Ag	Silver				
B	Boron				
Ca	Calcium				
Cu	Copper				
Cr	Chromium				
Cd	Cadmium				
Fe	Iron				
K	Potassium				
Mn	Manganese				
Mg	Magnesium				
Mo	Molybdenum				
Na	Sodium				
Ni	Nickel				
P	Phosphorus				
Pb	Lead				
Si	Silicon				
Sn	Tin				
Ti	Titanium				
V	Vanadium				
Zn	Zinc				
TAN/TBN					
GLY	Glycol (%)				
FP	Freeze Point				
BP	Boiling Point				
pH	Acidity				
CON	Conductivity				
NO2	Nitrite				
NO3	Nitrate				
GLO	Glycolate				
Cl	Chloride				
SO4	Sulphate				
TH	Total Hardness				
FL Pt	Flash Point				
COL	Colour				
D	Density				
Bact	Microbial Growth				L2
H2O	Water by Karl Fisher	*			L2
DIST	Distillation (%)				L2
CI	Cetane Index				L2
Cloud	Cloud Point				L2
Lubricity	Lubricity				L2
VOL	Water & Sediment				L2
API	API Gravity				L2

For more information go to our website at

[www.williamadams.com.au](http://www.williamadams.com.au)

Follow the links:

### SOLUTIONS

To find out more about our services

### ONLINE TOOLS

To register for online access to your oil sample history

### PART NUMBERS

Call 1300 WADAMS to order or Buy On-Line

(Prices includes GST)

<b>OIL</b>	
SOS003	\$33.10
SOS002 (X10)	\$341
<b>TAN / TBN</b>	
SOS3TANBN	\$46.20
<b>FILTERGRAM</b>	
SOS3FILTER	\$117.70
<b>COOLANT</b>	
SOS004	\$34.10
<b>DIESEL</b>	
SOS009 (+L2)	\$264
SOS003	\$34.10

