

# FULL RANGE OF TESTING AND ANALYSIS SERVICES

## OIL

		ICP - Wear metal analysis	PQI - Ferrous debris	Infra-Red - Oil condition	Viscosity - at 40°C	Viscosity - at 100°C	Water - by hoplate	Water - by Karl-Fischer	Fuel dilution (%wt)	ISO - particle count	TAN - total acid number	TBN - total base number	Chlorine (ppm)
Essential Level	Engine - Diesel												
	Transmission Oil												
	Gear Oil												
	Hydraulic Systems												
	Steering Systems												
Advanced Level	Engine - Diesel												
	Engine - Natural Gas												
	Engine - Landfill Gas												
	Compressor Oil												
	Turbine Oil												

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# COOLANT

	Colour	Appearance	Oil / Fuel contamination	Precipitate	Odour	pH	Glycol %	Freeze point	Conductivity	Nitrite (ppm)	Molybdate	Boilpoint	Additional inhibitors	Corrosion products	Contaminants	Oxidation products	Scale formation
Essential Level																	
Advanced Level																	

# FUEL

	Colour	Appearance	Particulates	Bacterial check	Fungal check	Water - by Karl-Fischer	ISO - Particle count	Sulphur - (ppm)	Acidity - by TAN
Essential Level									
Advanced Level									

Note: Additional testing to certify BS EN 590 / 2869 is available upon request

# TRANSFORMER OIL

	Colour	Appearance	Particulates	Odour	Water - by Karl-Fischer	Acidity - by TAN	Electric strength	Dissolved gases	Dissipation factor	Furans (ppm)	Total PCB's
Essential Level											
Advanced Level											

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