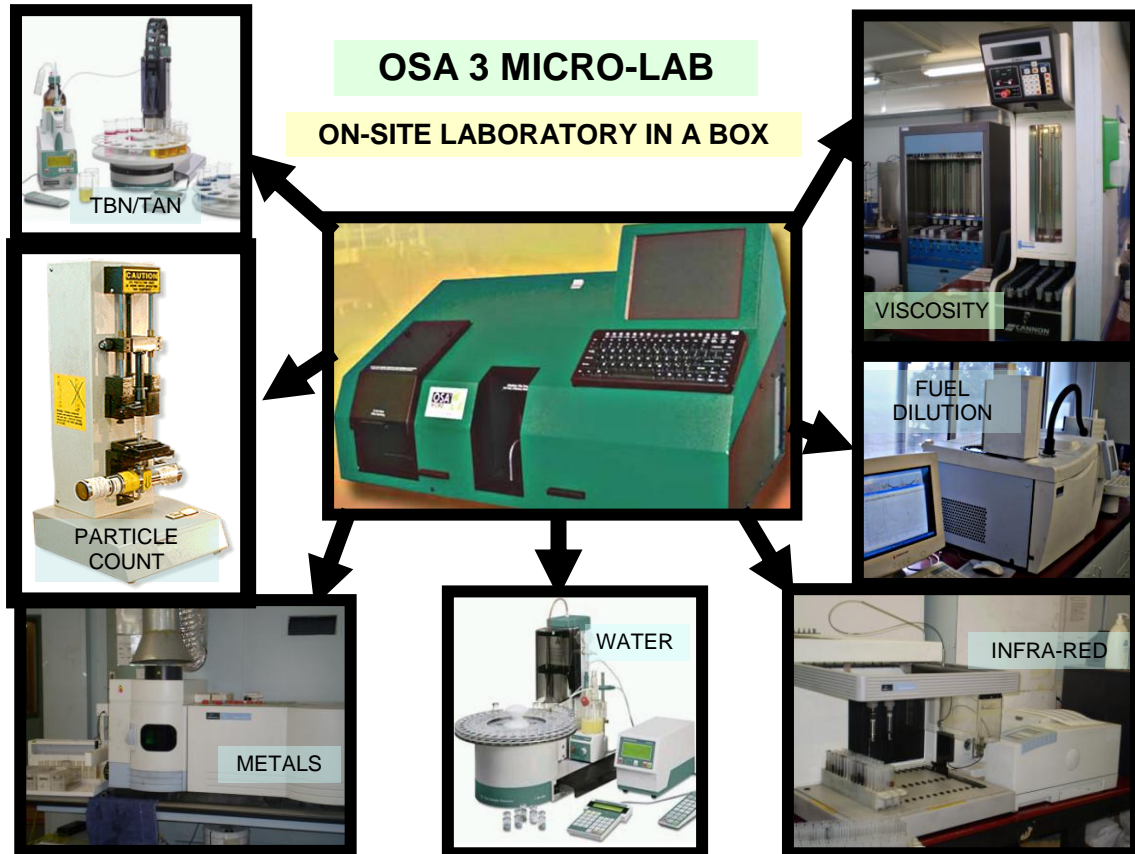


ASTM D7417



The OSA3 Micro-Lab combines the capabilities of traditional off-site laboratory equipment and presents it in one multi-sensor analyser. The OSA 3 Micro-Lab has a Metal Analyser, an Infra-Red Analyser, a Dual Temperature Viscometer and a Particle Size Analyser. The results obtained from the OSA 3 Micro-Lab are comparable to the traditional analyses, sufficient to provide an excellent trending for the wear metals generated in-service. Some additives in formulations of lubricating oils, particularly engine oils, can give lower values and this is mainly due to overloading the detectors at levels over 1500 parts per million but is still satisfactory in identifying the type of oil additive in the formulation, e.g. calcium and/or magnesium. For Hydraulic samples, the particle count capability is available to determine the cleanliness of the oil and filter effectiveness.

The analysis is complete inside 10 minutes and a report generated. The immediacy of results allows rapid maintenance planning to be put in place without the wait for the report from the off-site laboratory. The OSA 3 Micro-Lab is ideal for operations in remote locations such as mining or marine.

Pricing for the OSA 3 Micro-Lab instrument is approximately \$A71,000 plus some expenses for licensing fees and initial set-up.

Contact Mike Morrison from Fluidcheck Pty Limited for a formal quotation to match your individual needs.

FluidCheck Pty Limited and Oilcheck Pty Limited (a NATA/ ISO Laboratory in Sefton Sydney) operate from the same premises.