



Bowen Fluid Engineering Cleanliness Monitoring Unit

We only use the best and most reliable cleanliness monitoring and testing equipment available. That is why we use PALL equipment. It has proven over years of use to be able to produce accurate, reliable results. We have 5 PALL cleanliness units available for use with our technicians at your site and we have units available for hire. Monitor contamination levels in mineral, synthetic, or water based fluids. Results are unaffected by the presence of water, air, or dark fluids. Get accurate, 3 part* ISO 4406 cleanliness code results in under 6 minutes and quickly take preventative action. 'Pass off' cleanliness of new builds quickly and confidently. Protect your systems from catastrophic failure by detecting abnormal fluid cleanliness conditions quickly. It can be permanently installed to monitor critical applications (including component test facilities) or used as a portable device for routine condition monitoring of various fluid systems

Technical Specification:

Compatibility: Water glycols, aqueous solutions. Petroleum and synthetic oils (hydraulic lubricating, dielectric, etc.) fuels, industrial phosphate esters.

Seals: Fluorocarbon

Operating viscosity: 1.5 to 450 cSt (30 to 2,200 SUS)

Pressure: 0 to 315 bar (4568 psi) max

Monitoring Range: ISO 4406: <11/9/7 to 23/21/17, SAE AS 4059 Table 1, Class 1 to 12 (derived from NAS 1638) SAE AS 4059 Table 2, >4 µm 1A to 12A, >6 µm 1B to, 12B >14 µm 1C to 12C

Accuracy: ± 1/2 ISO 4406 Code

