

Visual Condition Monitoring

A daily glance at a Luneta Sight Glass **reveals problems before they cause failure**

WHAT TO LOOK FOR ON YOUR DAILY WALK



Water Ingress

LOOK FOR

A clear, separated layer or cloudy haze at the bottom of the glass.

WHY IT MATTERS

Water destroys the oil film, corrodes metal surfaces and strips additives.

ACTION Drain & investigate the seal or breather.



Foaming & Air

LOOK FOR

Bubbles or persistent foam lingering at the top surface.

WHY IT MATTERS

Aeration means poor lubrication, oxidation and lost cooling.

ACTION Check oil level, return lines & defoamant.



Colour & Clarity

LOOK FOR

Oil turning dark, hazy or varnished versus its clean reference.

WHY IT MATTERS

Signals heat, oxidation or thermal degradation of oil.

ACTION Sample, compare & plan an oil change.



Sediment & Wear

LOOK FOR

Solid debris settling at the base; particles on the magnetic plug.

WHY IT MATTERS

Indicates active component wear or hard contamination.

ACTION Inspect & sample for particle count.

50% +

are lubrication-related

Daily

weeks before failure

Zero

shutdowns needed for visual inspection & sampling

Make visual inspection part of every route.

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