

# Condition Monitoring Pod®

## Oil Sampling Port

Sample oil without shutting down the machine

## Quick Access Point

Quick syringe sampling and hand-held instrument tests

## Corrosion Indicator with O-Ring

Detects abnormal corrosion and varnish conditions

## New Tritan™ Sight Glass

4X Stronger and chemically resistant

## Etched Cross Hair

Quick oil level measurement

## Magnetic Plug with O-Ring

Easy-to-remove and view

## Adjustable Nut

Rotate or remove only the sight glass (for cleaning)



## 4X Stronger Sight Glass

Made of high-impact Tritan™, a chemically resistant, crystal-clear copolyester.

## Multiple Sizes

Our patent-pending design is available in multiple sizes and thread types.

# Next Generation Machine Inspection & Fault Detection.

## Easy Fault Detection

Early detection of machine faults and abnormal wear is key to machine reliability. The longer the interval, the more likely an early detection; saving machines and money. The CMP® delivers huge benefits over less frequent oil sampling and other condition monitoring activities.

## Comprehensive Inspection

Most sight glass level gauges are used only to confirm oil volume. Many root causes and symptoms of machine failure are missed due to the limited ability of these sight glasses. The CMP® is a multi-parameter inspection pod that greatly modernizes and expands daily one-minute inspections.



For Use On:  
 Gearboxes  
 Sumps  
 Reservoirs  
 Low Pressure Systems

# Condition Monitoring Pod®

Patent Pending Design

Comparison	Columnar Sight Glass	Window Sight Glass	3D Sight Glass	CMP®
Accurate oil level detection	✓	✓	✓	✓
View oil level from multiple angles			✓	✓
Vent NOT required (risk of plugging and contamination ingress)		✓	✓	✓
Ability to easily view oil color (wrong oil, oil oxidation, etc.)	✓		✓	✓
Ability to detect oil surface foam and entrained air			✓	✓
Ability to visually detect emulsified water contamination	✓		✓	✓
Includes magnetic plug for easy visual wear debris inspection, convenient access for cleaning and collection of particles for analysis				✓
Includes trap for convenient collection and inspection of non-magnetic sediment and sludge				✓
Includes a live-zone oil sampling valve				✓
Includes corrosion indicator for quick confirmation of corrosion suppression of oil-wet and NON-oil-wet machine surfaces				✓
Includes corrosion indicator for quick detection of varnish deposits				✓
Access Port to enable easy syringe samples for simple field tests (blotter, surface tension, crackle test, etc.)				✓
Access Port for portable instrument probe inspections (water contamination, dielectric constant, viscosity, etc.)				✓
Quick-release of inspection bowl for easy cleaning				✓

Specifications	Description	Part Number
<ul style="list-style-type: none"> <li><b>Size:</b> 2.75" x 3.18" x 3.5" (w x h x l)</li> <li><b>Sight Glass:</b> Tritan™ with 1.4" diameter x 1.25" deep viewing area</li> <li><b>Body:</b> Aluminum</li> <li><b>Pilot Tube:</b> Stainless steel</li> <li><b>Magnetic Plug:</b> Rare earth magnet</li> <li><b>Sample Port:</b> M16x2 for attaching vacuum pump and sample bottle</li> <li><b>Outdoor Compatible:</b> UV-resistant to protect against long-term sun exposure</li> <li><b>Viton® O-ring:</b> Rubber FPM</li> </ul>	1/2" NPT	CMPOD.050NPT
	3/4" NPT	CMPOD.075NPT
	1" NPT	CMPOD.100NPT
	1 1/4" NPT	CMPOD.125NPT
	1 1/2" NPT	CMPOD.150NPT
	1/2" BSPP	CMPOD.050BSPP
	3/4" BSPP	CMPOD.075BSPP
	1" BSPP	CMPOD.100BSPP
	M20x1.5 METRIC	CMPOD.M2015