

3-D BullsEye™

Replaces problematic, old-fashioned oil level sight plugs.



- Highly stain-resistant acrylic construction for years of accurate oil level monitoring.
- Revolutionary easy-view design is visible from virtually any angle, minimizing false positives.
- Fits virtually every oil reservoir.

A BETTER OIL LEVEL VIEWPORT



Old-fashioned sight plug make oil monitoring very difficult.



With Esco's 3-D BullsEye, the reservoir oil can be inspected easily and accurately.

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3-D BullsEye

NPT	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Outside Diameter	7/8"	1 1/8"	1 3/8"	1 3/4"	2"	2 1/2"
Length	1"	1 3/8"	1 3/8"	1 3/8"	1 3/8"	1 1/2"
	From last thread. Metric and custom sizes available.					
Maximum PSI	300					
Operating Temperature	200° F; 93° C		At 66 PSI.			
	230° F; 110° C		At atmospheric pressure.			



Before



After



Before



After

Frequently Asked Questions:

How do I clean the 3-D BullsEye?

Soap and warm water is the best way to clean the 3-D BullsEye. Commercial cleaning products containing alcohol or ammonia (including Windex) should be avoided, as they may cause crazing that can expedite staining.

What material is the 3-D BullsEye made of and how resistant and strong is it?

The 3-D BullsEye is machined from one solid piece of impact resistant, high strength, stain-resistant cast acrylic. It has excellent resistance to hydrocarbon and petroleum-based products, hydraulic fluids, most silicone fluids, and fuels. A detailed chemical resistance chart is available upon request.

How often should the 3-D BullsEye be replaced?

Under normal operating conditions, the life span of the 3-D BullsEye is not limited. Repeated exposure to caustic chemicals can cause staining and small surface cracks called crazes, which can lead to larger cracks. Environmental factors such as long periods of direct sunlight and radical swings in temperature can expedite staining or crazing. If evidence of these issues appears, replace the 3-D BullsEye immediately to insure safe and effective oil management.

What is the temperature range for extremely hot or cold applications?

The material used can withstand exceedingly low temperatures of at least -40°F (-40°C) and temperatures as high as 230°F (110°C) at atmospheric pressure.

How should the 3-D BullsEye be installed?

Installers should apply pipe dope to the threads of the 3-D BullsEye. Avoid any products containing Teflon including Teflon tape. The 3-D BullsEye should be hand tightened and then turned ¼ turn with a chain wrench, belt wrench or arc joint pliers. If there is any evidence of oil leakage, tighten ¼ turn and re-inspect. Continue the ¼ turn followed by inspection until there is no oil leakage.

I just received my new 3-D BullsEye. Why does the inside surface look cloudy?

Polishing is not necessary for the interior walls of the 3-D BullsEye. Once installed and lubricating fluid is introduced, the view will become crystal clear and the cloudiness will disappear.

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