

Oil Sight Glass

Oil Sight Glass: Key Benefits

- 360° view of oil
- Easily collect and drain water
- Durable and UV resistant
- Excellent chemical compatibility
- Dual-mount design for easy vertical or horizontal installation

By the Numbers:

- 1-Brass hex nipple (optional stainless steel)
- 2-High-performance polyamide bottle
- 3-Collected water
- 4-Brass drain valve (optional stainless steel or magnet drain)

The Overview:

The **Des-Case** Oil Sight Glass (OSG), made of a high-performance transparent polyamide, allows immediate visual inspection of the oil and the ability to drain any accumulated water. The OSG is installed directly to a drain port located at the bottom of a reservoir or with an elbow for drain ports located on the side of the equipment. The spring loaded drain valve is utilized to purge any accumulated water. Any sediment or particles in the lubricating fluid will migrate to the OSG where, upon inspection, the user can determine the appropriate action.



Horizontal Installation



Vertical Installation

The Specs

Material:

- Transparent polyamide
- Brass hex nipple
- Brass drain valve

Recommended Temperature Range:

- -40°F to 200°F
- -40°C to 93°C

Maximum Operating Pressure:

- 65 psi
- 4.48 bar

Chemical Compatibility:

- All gear and mineral oil and most synthetic oils

Available Options:

- 1/4", 3/8", and 1/2"NPT Hex nipples
- 1oz and 3oz
- 16 oz and 32 oz sizes available in acrylic
- Stainless steel fittings
- Magnetic drain valve for collecting ferrous material

Sizing:

Part Number	Description	Overall Length		Outside Diameter	
		(in)	(cm)	(in)	(cm)
Sizes					
DC-OSG1X250	1oz X 1/4"	3.0	7.62	1.72	4.37
DC-OSG1X375	1oz X 3/8"	3.0	7.62	1.72	4.37
DC-OSG1X500	1oz X 1/2"	3.0	7.62	1.72	4.37
DC-OSG3X250	3oz X 1/4"	3.15	8.0	2.50	6.35
DC-OSG3X375	3oz X 3/8"	3.15	6.35	2.50	6.35
DC-OSG3X500	3oz X 1/2"	3.15	6.35	2.50	6.35
High-Volume Vertical Acrylic Sizes					
DC-OSG16X500	16oz X 1/2"	5	12.70	3.50	8.89
DC-OSG32X500	32oz X 1/2"	5	12.70	4.50	11.43

