



Crystal clear Oil Sight Glass makes it easy to observe bearing oil contamination from dirt, grit and/or water.

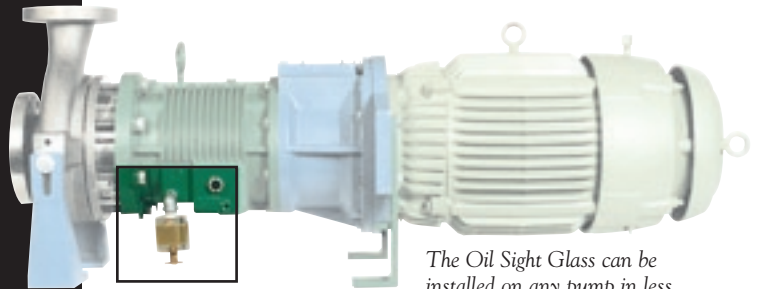
The remarkable and inexpensive Oil Sight Glass should be installed on every pump in your plant. Available in 1 oz., 3 oz., and custom sizes, the Oil Sight Glass functions in temperatures from -40° to 165°F. You know you should inspect the bearing oil in your pumps... now, the Oil Sight Glass makes it easy!

Inexpensive device provides constant bearing oil inspection with little or no effort.



800-966-5514

ESCO Oil Sight Glass Saves Expensive Equipment!



The Oil Sight Glass can be installed on any pump in less than three minutes.

	1 oz. Oil Sight Glass	3 oz. Oil Sight Glass
Outside Diameter	1.75"	2.5"
Length	2.375"	2.25"
PSI	225	200

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ESCO PRODUCTS, INC.

Esco Products Oil Sight Glass

Technical Data Sheet

Application

The Esco Oil Sight Glass (OSG) is designed for installation on any equipment with fluid lubricant systems to allow the user to constantly visually monitor the color, clarity and purity of the lubrication fluid.

Interface

The recommended interface for the OSG is the drain plug threaded port of the oil reservoir. This port is typically located at the lowest point of the oil reservoir and allows gravity to easily migrate any particles, sediment and/or water to the OSG so the user can quickly see any contamination that may require corrective action.

Installation

The OSG is provided with a nipple and drain valve. The installation should include the application of a threading compound to the threads of the nipple and the drain valve. (Teflon tape is not recommended and should not be used.) The OSG should be screwed into the drain plug port by hand, then tightened with standard open-end wrench using the drain plug flats to wrench on. By tightening the drain plug, the torque will also transfer through the OSG and to the nipple, thereby tightening the entire assembly. Excessive torque is not required and should not be applied, to avoid breaking the OSG.

Materials

The OSG is constructed of commercial grade cast acrylic and can withstand temperatures from -40°F to 165°F and pressures up to 225 PSI on the 1 ounce size and 200 PSI on the 3 ounce size. The acrylic is resistant to most chemicals used in lubricating fluids. A chemical resistance chart is available for this material upon request. The drain valve was designed and is approved for aircraft fuel systems and is made from metals and elastomers that are highly resistant to hydrocarbon and petroleum-based products.

Maintenance

The OSG is a very low maintenance product that requires only periodical cleaning if scale or residue builds up to the point where the view of the fluid is obstructed. Commercial cleaning solvents should be avoided. Some commercial cleaning solvents have chemicals that can leach into the acrylic weld and migrate into the weld bonds that can jeopardize the integrity of the product. Do not use cleaners that contain alcohol or ammonia, as this may cause small surface fissures, commonly referred to as "crazing". Do not use scouring powders. We recommend using a warm soap and water solution for cleaning purposes. If staining or discoloration persists, a replacement OSG should be installed.

Contact Information

For additional information please contact your Lubrication Engineers, Inc. Representative, or Esco Products at 1.800.966.5514 or via email at escoprod@esco-inc.com.

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