

# 3-D BULLSEYE SAVES PLANT MILLIONS



## CUSTOMER TESTIMONIAL

John Gobert, a lubrication engineer from a petrochemical company in the Houston area, recently shared with Esco Products, Inc. that he had to replace his flush-mounted oil sight windows, "at least every six months." Not only that, he "had to be right in front of the glass and use a flashlight to see the oil level." John was concerned about getting false positive level readings due to the staining on the glass and the level being hard to see in general.

John replaced the glass and brass, flat sight window with Esco's 0.25" and 1.25" NPT 3-D BullsEye® sight windows on his rotating equipment and saw immediate improvement.



The flat, glass and brass sight windows were hard for John to see the oil level, and he was worried about getting false readings due to staining on the glass over time.

### The 3-D BullsEye® Saves Time & Repair Costs - A Lubrication Engineer shares his story:

"The plant operators where I work are very satisfied and pleased with the 3-D BullsEye®. This product has helped save millions of dollars per year in equipment and production costs.

Our plant has two units that have 16 large machines that were experiencing bearing failures regularly partly because of the lubricants but mostly because of the lack of lubricant in the machine. The machines were fitted with the flat style sight windows which required operators to use a flashlight and crouch on their knees to see the oil level. If the operators were lucky enough to see any oil through the window, they thought the oil level was good enough to keep the machine running properly. The operators had no idea that what they were actually seeing was only residue of oil stained on the glass of the sight window. The machine was low on necessary oil needed to avoid damage to the bearings inside the housing.

With Esco's 3-D BullsEye sight windows (as seen above), it is much easier to see the oil level without having to kneel in awkward positions to get an accurate oil level reading. Not only are the 3-D BullsEyes easier to use, but they have saved the plant money in repair costs as well.

From August 2009 to August 2010, equipment failures in one portion of the plant cost approximately \$518M. After installing 3-D BullsEyes, the cost and loss production costs was \$0 over the next year. The drastic decrease in failures and lost production costs were attributed to improved lubricant use and keeping the correct lubricant levels in place thanks to the 3-D BullsEye sight windows.

This cost-savings example is only a portion of the total equipment being updated to the 3-D BullsEyes. We are continuing to add the 3-D BullsEyes to additional equipment and expect the MTBF of our equipment in the line of lubrication to increase dramatically and costs to drastically decrease."

**- John Gobert, Lubrication Engineer,  
petrochemical company, Houston, TX**

### Try an Esco 3-D BullsEye for FREE

Esco offers a sample program to try a 3-D BullsEye for FREE. See for yourself how the 3-D BullsEye can save your company valuable time, resources, and possibly millions of dollars in damages and equipment repairs. Visit [escopro.com](http://escopro.com) to request a free sample and learn about our complete line of Visual Oil Inspection products.