



SERVICE & SOLUTIONS

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THE 3-D BULLSEYE SAVES PLANT MILLIONS!



Old style, flat sight window



Esco's 3-D BullsEye

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 flat/flush-mounted oil level windows, "at least every six months." Not only that, he "had to be right in front of the glass and use a flashlight, most of the time, to see the oil level."

John replaced his flat mounted oil level window with Esco's 1/4" NPT and 1 1/4" NPT 3-D BullsEyes on his rotating equipment and saw immediate improvement.

3-D BullsEye Saves Time and 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 approximately 16 large machines that were experiencing bearing failures regularly partly because of the lubricants but mostly because of the lack of lubricants in the machine. The machines were fitted with the flat type sight windows which required operators to crouch on their knees with a flashlight to see the oil level. If the operators were lucky enough to see any oil through the flat sight 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 at the bottom of the sight window. The machine was low on the necessary oil needed to avoid damage to the bearings inside the housing.

With Esco's 3-D BullsEye sight windows, it is much easier for anyone to see the oil level without having to kneel in awkward positions or bend over backwards to read the oil levels. Not only are the 3-D BullsEyes easier to use but they have saved the

plant money in repair costs as well. Here is an example of cost-savings on a small portion of one of the units:

From August 2009 to August 2010, equipment failures in one portion of the plant cost approximately \$518M. From August 2010 to April 2011, cost and loss production was \$0. The drastic change in failures and loss production costs were attributed to improved lubricant use and keeping the correct lubricant levels in place, thanks to the 3-D BullsEyes sight windows.

The cost-savings example mentioned above is only a portion of the total equipment being upgraded to the 3-D BullsEyes. The 3-D BullsEyes can be used almost anywhere in our plant, and we are continuing to add them to our equipment. Because of the use of the 3-D BullsEye, the MTBF of our equipment in the line of lubrication is going to increase dramatically. In my opinion, everyone should give the Esco 3-D BullsEye a try. You won't be disappointed."

*John Gobert, Lubrication Engineer
Petrochemical Company, Houston, TX*

Still not convinced? Try an Esco 3-D BullsEye for FREE!

Esco offers a sample program which allows you to try one of our 3-D BullsEyes for FREE. See for yourself how the 3-D BullsEye can save your company valuable time and possibly millions of dollars in damages and machine repairs.

The 3-D BullsEye is a sturdy, stain resistant solid piece of cast acrylic and is offered in NPT and metric sizes.

Go to www.oilsightglass.com for more information and to learn about our complete line of Visual Oil Analysis products.

3-D BULLSEYE CUSTOMER FEED- BACK:

- Long-term Benefits:
"Longer Equipment Life."
- "Fool-proof and easy- to-
use."
- "1st Class Workman-
ship!"
- "East to install."
- "Saved at least 20 min-
utes per piece of equip-
ment!"