



ESCO OIL SIGHT GLASS
SAVES EXPENSIVE EQUIPMENT
"Service and Solutions"



Reichhold Inc is a Houston based company that produces Polyester and Alkyd resins. They use large agitators with gearboxes on large tanks of the resins. About a year and a half ago, they began to realize they may have a problem with water getting into the gearboxes. At that time, they did not have a way to detect the amount of water in their system, and they would run their machinery until it failed. Then they discovered the Esco Oil Sight Glass as an inexpensive solution to their problem. Now they are able to monitor their oil quality and reduce failures in their equipment.

Reicchohold uses a synthetic oil that separates the oil and water very effectively. Once they attached Esco's 3 ounce Sight Glasses to all of the Gearboxes for their agitators they quickly understood just how much water was getting into their gearboxes, and were able to easily drain it out from their oil.



The Esco Sight Glass clearly displays water that is in the oil system.

It did not take Reichhold long to realize that one of their gearboxes accumulated more water than any of the others. They began to investigate the problem based on the results shown by the Esco Oil Sight Glass. After some inquiry, they discovered that rain water was entering the gearbox through small openings in the top. Eventually they developed a metal "Hat" for the Gearbox to prevent this water from entering their system. Recently they have had a similar problem with water getting into a different

gearbox, and the Esco Oil Sight Glass has allowed them to detect this problem.



Reichhold created a metal "hat" to prevent water from entering their gearboxes.

Before they installed the Esco Sight Glass on their Agitator Gearboxes, they did not have a way to monitor the Oil quality. Now they are able to save more than \$6,000 a year and prevent the gearboxes from failing and having to be replaced. Now they are able to detect the water problem and keep their equipment running.

Reichhold Inc is a perfect example of how the Esco Oil Sight Glass was able to save time and money on expensive equipment. The Sight Glasses have allowed Reichhold to constantly monitor the level of water entering the gearboxes and prevent the machinery from failing. The Sight Glasses have also given the people at Reichhold Inc a window into their water problem. Now every Agitator Gearbox they have has an Esco Oil Sight Glass installed on it!

