

Problem

The customer was experiencing wear related problems on various sizes of gear boxes using different types of lube oils throughout the power plant.

Solution

Schroeder worked with the customer to supply a modified version of the MFS single housing filter cart using a special high viscosity pump that would pump the various grades of fluid at low ambient temperatures.

A total of six (6) carts were built, each using a common housing and element, with various grades of filtering media. These were placed into service in 2005 and have since enabled the customer to keep the lube oil clean by eliminating the abrasive particulate matter. Cleaner lube oil means less contaminated-related downtime and better functionality of gear boxes and other equipment.

Each filter cart built was painted a different color to help eliminate the possibility of cross contamination of the various grades/types of fluids.

Schroeder Regional Sales Manager: Ken Nicholas

Customer	Pacificorp Power, Wyoming
Type of Machinery	Various gear box lube systems
Reservoir Capacity	Various, 5-125 Gal
Operating Fluid	ISO 32 to ISO 460
Schroeder Product	Modified, MFS Cart (G-2130)
Customer Problem	Abrasive particulate causing degradation wear to bearings and gears

