

HIGH-VELOCITY TURBINE LUBE OIL SYSTEM FLUSHING

Benchmark Services has the capability of performing high-velocity lube oil system flushes up to 5,000 gpm, while working with a control temperature up to 185° Fahrenheit to thermal shock the system.

- All equipment is wired 50/60 cycles, 480 volts
- Meets both US and International standards.
- External high-velocity flush pumps actually force the oil to scrub the lubrication system piping clean.

HYDROBLASTING

Surface rust and flakes are typical hiding places of hard particulates that can break loose at any time, potentially causing severe damage to the turbine bearings. These conditions, rust and flakes, can be eliminated with a process called hydroblasting. This is where high-pressure water is injected through a flexible lance that is inserted into the lube oil piping. The rotation of the lance causes the rust and flakes to break away.

- Chemical treated water (reduces flash rust)

EHC SYSTEM FLUSHING

ELECTRO HYDRAULIC CONTROL (EHC) SYSTEM FLUSHING, CLEANING, AND TESTING. With plant provided flush blocks, Benchmark Services can flush, clean, and provide oil particle counts for the EHC system.

LUBE OIL COOLER CLEANING

Over a period of time, the efficiency of an oil cooler will be diminished due to debris build up and faulty tubes (allowing the injection of water into the oil system). A thorough cleaning and inspection can correct these conditions. Benchmark Services, Inc. has the capability of providing this service both on-site and off-site.

This process would consist of: A chemical bath for several hours at different PHS

- High Pressure washing
- Each individual tube rodded out with a pneumatic drill brush
- Each individual tube pressure-tested for leaks and plugged if necessary

Any additional repairs i.e. tube replacements, ceramic cap repair, etc. will be performed at Benchmark facilities.

FUEL OIL SYSTEM FLUSHING

Benchmark can clean all of your Gas Turbines' fuel oil system piping during precommissioning or maintenance outage.

ON-SITE TURBINE OIL FILTRATION/RECLAMATION

Benchmark Services can provide a filter system that, will filter the existing lube oil to a level that meets or exceeds the SAE, NAS and ISO Cleanliness Standards. With the exception of scorched or damaged oil, this filtration/reclamation process eliminates the need of replacing the existing oil, thereby creating a tremendous savings.



If you have any questions call us toll free at

1-866-OILFLUSH

(1-866-645-3587)