



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

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## PRODUCT DATA

# LUBRIPLATE SYNFLUSH CLEANING INSTRUCTIONS

LUBRIPLATE Synflush is designed to clean various applications internally without costly downtime or tear down of the equipment. Tear down may not be able to be avoided if the varnish has progressed to a carbon-hardened situation.

- ⇒ Due to its unique synthetic chemistry, typical treat levels with LUBRIPLATE Synflush are 5% and should not exceed 10%.
- ⇒ Situations where viscosities are suitable and seal materials are compatible with a Diester, a complete charge of 100% LUBRIPLATE Synflush may be used for short intervals.
- ⇒ LUBRIPLATE Synflush may also be used prior to switching from a petroleum-based fluid to one of the many different synthetic fluids available in the industry without leaving behind incompatible residue.

Prior to using LUBRIPLATE Synflush, it is highly recommended that 4-ounce samples from the unit in question be submitted so that baseline testing may be performed. Test results will provide necessary data in regards to the severity of the sludge, varnish and carbon buildup and allow us to determine the effectiveness of the flushing procedures with subsequent oil samples. We will also be able to enter into our database a history for comparison with future samples.

### Cleaning Compressors

Drain 5 - 10% of the oil from the compressor. Replace with LUBRIPLATE Synflush. Run the compressor for up to 500 hours while monitoring pressures, filters and air oil separators. During this time period, metal fines, carbon and varnish buildups shall be removed from the metal surface while being solubilized for ease of removal by draining or filtration. This is accomplished due to the polar affinity to the metal surface provided with the LUBRIPLATE Synflush. It may be necessary to change the filters at this time.

While warm, please drain as completely as possible from all drain points. Refill the system with the appropriate LUBRIPLATE product and submit a 4-ounce sample for testing in 250 - 500 hours.

### Cleaning Hydraulic Systems

Drain approximately 5% of the hydraulic oil currently in use. Add 5% LUBRIPLATE Synflush and run for up to 500 hours. While warm, drain the system completely and refill with the appropriate LUBRIPLATE product. Please submit a 4-ounce sample in 250 - 500 hours for testing. Please check filters frequently as this is key for the collection of the discharged residue.

### Cleaning Gear Cases

Drain 5% of the gear oil currently in use. Add 5% LUBRIPLATE Synflush and run for up to 500 hours. While warm, drain the system completely and refill with the appropriate LUBRIPLATE product. Please submit a 4-ounce sample in 250 - 500 hours.

Systems containing high percentages of moisture may need to be drained completely and refilled prior to implementing the use of the LUBRIPLATE Synflush. Failure to do so may result in leaving behind residual material with high Total Acid Numbers or Hydrolytic Insolubility.

Note: If using undiluted LUBRIPLATE Synflush, please consider the following material compatibility issues. LUBRIPLATE Synflush is compatible with most seals including Teflon, \*Viton®, FSI, FVMQ and High Nitrile Buna-N. It is also compatible with most paints and plastics, except for PVC, ABS, Polycarbonates and Polystyrenes.

**For additional information, please contact LUBRIPLATE Technical Services at 1-800-347-5343.**

\*Viton® is a Registered Trademark of DuPont Dow Elastomers.