

Premium Flushing Oil

- **Helps insure optimum performance from SWEPCO Lubricants**
- **Recommended for flushing compressors, transmissions, hydraulic systems, gear boxes, differentials, final drives and engines**



SWEPCO 729 Premium Flushing Oil is a light mineral oil especially formulated for purging oil systems before switching to a SWEPCO High Performance Lubricant.

Use of SWEPCO 729 helps insure optimum performance from any SWEPCO Compressor Oil, Transmission Fluid, Hydraulic Fluid, Industrial Oil, Gear Oil or Engine Oil.

Simply draining old lubricants does not entirely remove the old lubricant from the system. Intricate oil passages, reservoirs, fluid lines, cylinders, accumulators, pumps, separators, coolers and other oil system components can retain residual oil that can contaminate new SWEPCO Lubricants.

A brief flushing cycle with SWEPCO 729 insures more complete elimination of old lubricants from the entire system. This is especially critical in compressor changeovers. It also removes loose deposits so they will not have a negative effect on compressor efficiency or operation.

If transmissions, hydraulic systems, engines or gear boxes are known to be dirty, have high miles or hours or have demonstrated performance issues, flushing is also recommended for them before changing to SWEPCO Lubricants.

Finally, because some synthetic chemistries can have an adverse effect on petroleum base oils, flushing with SWEPCO 729 is also recommended for any component being switched from a synthetic lubricant.

Highly Recommended For:

- ALL rotary and reciprocating compressor changeovers
- Any component that has been run on a synthetic oil
- Any component with high mileage, high hours, that is known to be dirty or that has demonstrated performance issues

RECOMMENDED SWEPCO CHANGEOVER PROCEDURE

While SWEPCO Lubricants are compatible with all mineral oils and most PAO lubricants, you will not obtain the full benefits of SWEPCO's High Performance additive chemistries if they are contaminated with old lubricants or loaded with deposits left behind by old lubricants. Flushing is a good way to remove all old lubricants and remove the loose contaminants that might affect the service life or performance of SWEPCO Lubricants.

Because most synthetics are NOT compatible with SWEPCO Lubricants, flushing is highly recommended whenever switching from a synthetic product to a SWEPCO Lubricant.

Finally, flushing is highly recommended for ANY compressor changeover or whenever other types of components (transmissions, hydraulic systems, gear boxes, differentials, final drives or engines) are old, known to have heavy deposits or contamination or have demonstrated operational deficiencies.

When it is determined that flushing prior to a changeover is desirable, the following basic procedure should be followed:

1. Bring component up to operating temperature with old lubricant.
2. Shut down and drain oil immediately. Remove any filters. Particular attention should be paid to reservoirs, fluid lines, cylinders, accumulators, separators, coolers and other oil system components where residual oil may be trapped.
3. If the component is old, has shown evidence of contamination, is known to be particularly dirty or has exhibited performance deficiencies, it should be cleaned as completely as existing conditions permit. Special attention should be paid to oil pans and reservoirs that contain residual sludge and/or other deposits.
4. Check and install clean filters as needed.
5. Fill the system with SWEPCO 729 Premium Flushing Oil. Operate at no load or at minimum pressure, then, slowly bring the fluid up to normal temperature and operate all parts. Operate only long enough to insure complete circulation of flushing oil. *(Most gear boxes can be filled to one-third their normal capacity and operated at no load for 10 minutes. If the initial drain oil was severely oxidized, drain and refill again to one-third capacity and run no load for 15 minutes. **If a one-third fill would be insufficient to insure proper splash or circulation of lubricant in a gear box, then a full fill to normal capacity can and should be used.**)* Systems that were previously lubricated with synthetic fluids should be operated for no longer than two to eight hours. Carefully observe operating temperatures, filters and inlet screens while operating on flushing oil and shut down if filters plug or temperatures exceed normal no load limits.
6. When the flushing cycle has been completed, drain the flushing charge as completely as possible while it is still warm and without allowing it to settle.
7. Check and install clean filters as needed.
8. Fill system with new SWEPCO High Performance Lubricant and put in service.

During the first few weeks of operation, particular attention should be paid to filters, inlet screens, operating temperatures and general performance characteristics. Sludge and other deposits that have been loosened during the changeover procedure and initial use of SWEPCO Lubricants may continue to clog filters and inlets for a period of time. Such blockages can cause lubricant starvation, noisy operation, elevated operating temperatures and other operational problems. Filters, air/oil separators and inlet screens should be replaced or cleaned as often as needed during this period to restore the unit to maximum operating efficiency.



A Product of SPX Technology™.

... the cutting edge performance SWEPCO Customers have come to expect.



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