



Formerly Known As: **Revisolv LS**

Shell Corena Rotary Screw Compressor Cleaner Concentrate

Concentrated System Cleaner & Lubricant

Shell Corena Rotary Screw Compressor Cleaner Concentrate is a fully formulated, concentrated system cleaner containing synthetic ester, cleaning, lubricity and corrosion inhibitor additives. It is miscible in mineral oils, synthetic hydrocarbons, ester oils and polyglycols.

Shell Corena Rotary Screw Compressor Cleaner Concentrate is specifically designed for cleaning rotary screw compressors, hydraulic systems, gear and other circulating mineral oil systems. When added to the system at a 1–10% basis, Shell Corena Rotary Screw Compressor Cleaner Concentrate will dissolve varnish and carbon deposits during normal operation and keeps them suspended in the compressor oil.

This can all be done without dismantling the system and ensures that the entire system is cleaned (pumps, valves, tubing, heat exchanges, filter housings, etc.) prior to draining and refilling with fresh oil. A clean system will extend the service life of the new oil charge, reduce future maintenance costs and increase the system reliability.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- Helps clean metallic surfaces, removing varnish, corrosion and dissolving sludge deposits
- Helps reduce maintenance costs – no dismantling of the system prior to cleaning
- Helps increase productivity – no downtime of machines for cleaning
- Helps increase machine reliability and overall efficiency

Main Applications

- Rotary Screw Compressor
- Hydraulic and gear systems
- Other circulating oil systems

Specifications, Approvals & Recommendations

• Directions for Use

Add Shell Corena Rotary Screw Compressor Cleaner Concentrate to the oil reservoir, allowing for a 1-10% addition. Operate the machine for 40-60 hours at 70-80 °C, if possible. The higher operating temperature will help to dissolve the varnish, carbon deposits and sticky residues. While the oil is still hot, immediately drain the system including all tubing, filter housing, heat exchangers and dead/low flow circuits to insure there will be no cross-contamination with the fresh charge of oil. Pay close attention to the filters and other cleaning devices during this cleaning process, and change/clean filters as necessary. Finally, change the filters and oil separators and refill the reservoir with fresh oil.

When cleaning gearboxes and/or systems under heavy load, consideration must be given to the viscosity and wear protection of the 'mixed fluid'.

For a full listing of equipment approvals and recommendations, please consult your local representative.

Typical Physical Characteristics

Properties			Method	Shell Corena Rotary Screw Compressor Cleaner Concentrate
State of Matter				Liquid
Colour		Visual		light yellow
Kinematic Viscosity	@40°C	mm ² /s	ASTM D445	40
Flash Point		°C	ASTM D92	>232
Density	@20°C	kg/m ³	ASTM D4052	865

These characteristics are typical of current production, variations in these characteristics in future production may occur.

Health, Safety & Environment

• Health and Safety

This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from <https://www.epc.shell.com>

• Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

• Advice

Advice on applications not covered here may be obtained from your Shell Representative.