

PREVENTIVE MAINTENANCE

Performing factory recommended maintenance to your systems minimizes down time, keeping your critical systems operating at their peak of performance. The best defense is a solid offense. Our preventive maintenance programs are **tailored to your specific needs** and **customized** according the equipment you have. Performing on-time scheduled maintenance dramatically extends the life cycle of your investment and minimizes costly repairs and disruptions to your operations.

Screw Compressor PM Schedule

Daily

Task	
Record Suction pressure	D
Record Discharge pressure	D
Record Oil pressure	D
Record Oil temperature	D
Verify oil levels are adequate	D
Record Oil filter differential pressure	D
Look/Record Oil leaks	D
Record Load percentage	D
Record Motor amperage (current)	D
Record Alarms and Shutdowns	D
Verify Free from abnormal noise and excessive vibration	D
Ensure Drive guard secure and in place	D
Add Oil	As needed
Change oil filter	As indicated by oil filter ΔP, runtime hours, or oil analysis

Monthly

Task	
Record Runtime hours	M
Check Operation of unloader	M
Change oil	As indicated by oil analysis or predetermined runtime

Semi-Annual

Inspection	Screw
Visually inspect power supply and control circuit electrical connections	S
Oil Analysis - Take oil sample and obtain oil analysis results from qualified testing lab	S or runtime hours
Verify oil pressure regulator setpoint	S
Lubricate motor bearings	WA-S
Calibrate capacity/volume (slide valve) controls	S



Your industrial refrigeration equipment has been built with extreme precision and fine tolerance. In order to obtain the ultimate in operating efficiency and economy, special care during manufacturing, installation and testing have been applied at the factory. Therefore, regular maintenance is required to maintain top efficiency to prolong the life of this extraordinary system. Contact our specialists to learn more or to set up a customized Preventive Maintenance Program.

