

Four ways to extend your air compressor's life

Intelligent management of maintenance and operations of the plant's compressed air system helps increase plant uptime, reduce unplanned shutdowns and help keep the plant profits and employee morale at peak levels. This editorial contributed by Imtiaz Rastgar highlights four different ways to extend the life of air compressors.

Service Agreement for Out-Sourced Compressor Maintenance

With a full range of coverage options available, service provider inspects your air compressor for wear, damage and potential failure. There are three different types of air compressor service agreements and their key benefits are highlighted as under:

OEM Service Schedules offer compressed air maintenance according to scheduled service intervals. Includes 46-point compressor inspection, filters and fluids.

Annual Maintenance Agreement, such as Sakoon offers annual service agreements to relieve plant managers from hassles of air compressor maintenance so that they may focus on production.

Trouble Shooting plans - System Failure: Should your system ever fail, customers can contact Sakoon specialist advisors directly on the Service Hotline +92 21 111 727 777.

They will keep downtimes to a minimum, make sure that machines are repaired professionally and minimize repair costs wherever possible.

Service Kits

Screw compressor service kits are a real source for a longer lifetime of the air compressor and fewer energy costs. As your workspace is equipped with a high-class compressor, it deserves the best service and parts.

If you are tempted to use parts that merely resemble the original ones, keep in mind that in the long run, using non-original parts will cost you more and decrease the lifetime of your compressor.

Only proper maintenance using original parts and kits ensures reliable, energy-efficient performance and long lifetime of air compressors. As original parts were designed for your compressor, they are a 100% fit. Not just in terms of size but as integral parts of a system where all components work together efficiently. The key benefits are given as under:

- ❖ Everything you need to maintain your screw compressor is in one single kit.
- ❖ Cost effective solution (Service Kits are 5 to 10% lower in price than separate parts).
- ❖ Assurance of high-quality components.
- ❖ Easy to use with higher efficiency.
- ❖ Service kits are available at our official service organization and partners.
- ❖ Low internal logistic costs.
- ❖ Longer lifetime of your screw compressor.

Fluid Analysis

Fluids are the life blood of air compressors and keep bearings lubricated. Fluids and coolants remove the heat of compression and keep your air compressor operating smoothly.

Regular fluid sampling and analysis informs the operator: If the fluid needs to be changed; if intake air is contaminated or if fluids have been mixed or if severe wear is occurring. The key benefits include:

- ❖ Current status of your lubricant and equipment.
- ❖ Positive input to determine maintenance schedule.
- ❖ Detailed history of lubricant performance.
- ❖ Better control of maintenance expenditures.

Trend Tracker

The conditioned monitoring and data management is playing a key role in the life of all equipment. More and more companies are realizing the benefits of preventative and predictive maintenance practices. Trending the performance of key components over time can provide an advanced indication of imminent equipment failure. The key benefits include:

- ❖ Reduced incidence of unplanned plant shutdowns.
- ❖ Maximizes the life of your air compressor.
- ❖ Detailed history of lubricant performance.
- ❖ Repair before failure fixes is typically less costly.
- ❖ Minimizes downtime.

Sakoon is an established service, with a variety of solutions and services to help control maintenance costs, manage risk, and protect customers' investment. The Sakoon scheduled service programs ensure optimum performance and efficiency of compressed air systems. Sakoon have a German trained and Certified Service Team to give complete peace of mind with compressed air installations.

Further information can be obtained by contacting Sakoon Service at info@sakoon.com.pk. ♦



Imtiaz Rastgar

