

Reliable under pressure

Lubrication solutions for air compressors



Protect and optimise your compressors

An air compressor is only as good as the quality of its lubricant. The operating temperature range, energy efficiency, maintenance cycles, total machine life and so much more depend on pairing the right lubricant with your compressor. Don't leave that process up to chance. Our experts and range of quality products give you the peace of mind that you have the right product and service plan in place.

We have a highly refined solution for your specific needs in all rotary screw, rotary vane, centrifugal or reciprocating compressors. We have products that protect against extreme pressures, temperatures, wear, the formation of deposits, mechanical stress, metal-to-metal wear, oxidation, and much more. We offer a lubrication solution for every air compressor application on the market.



Typical lubrication issues we solve

▶ Oxidation/varnish formation

▶ Water contamination

▶ Foaming

▶ Carbon formation

▶ High oil carryover

Our lubricants solve challenges

Summit is recognized as an industry leader in synthetic lubricant technology. We have our own state-of-the-art laboratory, experienced chemists, and advanced testing equipment as a part of our commitment to making the best possible products. We cut our teeth in the air compressor business and continue to push the limits of what we can ask from a lubricant. Our research staff is constantly evaluating new synthetic-base stocks and additives to provide customers with the best lubricants available that will serve as solutions to their unique lubrication problems.

We provide dependable, high-quality air compressor lubricants that perform in demanding environments.

To get the right lubricant into the right application requires experience and expertise. Summit has both.



What sets Summit Lubrication apart?

We're looking to do much more than just sell lubricants. We pride ourselves on being expert problem solvers. At Summit, we know that our success hinges directly on your success, and that knowledge drives the way we do business. In everything we do – from product development, to hiring, to plant visits, phone calls, technical support, oil analysis, training seminars and everything in between – we are looking to answer the question: “Does this add to our customer's success?” We want to be a full-service lubrication resource for your business.

Over three decades of serving our customers with quality air compressor lubricants you can't find anywhere else.

Better lubricants = better results

- ▶ **Wide range of products:**
We have the right lubricant and viscosity for any rotary screw, centrifugal or reciprocating compressor. Our products protect against extreme pressures, extreme temperatures, wear of deposits the formation, mechanical stress, metal-to-metal wear, oxidation, and much more.
- ▶ **Carefully engineered:**
Building the right lubricant requires three things: 1.) data from the field, 2.) the right testing equipment and 3.) the right people. We have seasoned experts in state-of-the-art labs analyzing data from all over the world, making sure the lubricant you trust in your machine is not a guess, it's an exact science
- ▶ **Tested results:**
Air compressor lubricants is where we cut our teeth in the lubricant business. For decades, we have field tested and refined our full line of lubricants to be able to handle any environment.
- ▶ **Avoid unplanned downtime:**
Your job can't afford a surprise shutdown. The stakes are too high. Our lubricants keep your machines running as planned and our free oil analysis program helps you anticipate and correct small issues so you can stay on schedule.
- ▶ **Expertise included:**
All our air compressor lubricants come with expert personal and accessible service so you know our lubricants are being applied at the right time, in the right conditions, and on the right equipment.



Air compressor lubricants

- ULTIMA Series**
Synthetic high-performance lubricant, offering drain intervals of 12,000+ hours at normal operating conditions. Formulated to withstand high temperatures and demanding conditions.
- SH® Series**
Synthetic high-quality PAO (polyalphaolefin) base stock formulated with advanced additive technology for demanding service. For use in rotary screw, reciprocating and centrifugal compressors.
- DSL® Series**
Synthetic diester basestock lubricant, for use in rotary screw, reciprocating and rotary vane compressors.
- SUPRA 32 & SUPRA COOLANT®**
Synthetic polyglycol-ester blends provide a varnish-free operation & exceptional bearing wear protection.
- FG ELITE Series**
Advanced multisynthetic base stock lubricant formulated for use in the food-processing industry (USDA H1). Provides drain intervals between 8,000 – 10,000 hours under normal operating conditions. For use in rotary screw, reciprocating and rotary vane compressors.
- Sierra Series**
A blend of synthetic & petroleum basestock formulated to provide 8,000 hours in rotary screw air compressor applications operating within normal conditions.
- PS Series**
A blend of synthetic and petroleum base fluids designed to provide protection against rust & corrosion, exceptional at controlling sludge and deposits.
- TM Series**
Formulated from highly refined petroleum basestock and the unique additive Syntholate providing superior thermal and oxidative stability. For use in portable rotary screw compressors.
- SBL Series**
Synthetic, formulated to provide maximum lubrication protection and service for all positive displacement blowers. Advantages over petroleum lubricants include extended lubricant life, reduced operating temperatures, and longer blower life with reduced wear.
- SBL FG Series**
Synthetic, formulated for positive displacement blowers in food market applications (USDA H1).



We prove it!

Summit wants to be your specialty lubrication partner the world over. We believe that specialty lubricants are an integral part of the design of air compressors and pay for themselves. Let us prove it to you.

Know your oil. Know your compressor.

Because Summit considers your use of our oil as a partnership in which we are only successful when you are successful, we offer our oil analysis program at no cost to the customer. We consider the purchase of our oil as only a first step in keeping your machines healthy. Changing oil too late can cause an array of problems, but changing it too early costs you money. We help you change at just the right time. An oil sample can tell you a lot not only about the state of the oil but the state of your machine. In many cases, problems can be identified and corrected early in the process, which will not only extend the life of your oil but could possibly save your machine from failure.



Publisher and Copyright:
Summit a brand of Klüber Lubrication

Reprints, total or in part, are permitted only after prior consultation with Klüber Lubrication NA LP and if source is indicated and voucher copy is forwarded.

The data in this document is based on our general experience and knowledge at the time of publication and is intended to give information of possible applications to a reader with technical experience. It constitutes neither an assurance of product properties nor does it release the user from the obligation of performing preliminary field tests with the product selected for a specific application. All data are guide values which depend on the lubricant's composition, the intended use and the application method. The technical values of lubricants change depending on the mechanical, dynamical, chemical and thermal loads, time and pressure. These changes may affect the function of a component. We recommend contacting us to discuss your specific application. If possible we will be pleased to provide a sample for testing on request. Products from Klüber Lubrication are continually improved.

Therefore, Klüber Lubrication reserves the right to change all the technical data in this document at any time without notice.

Summit Lubrication
a brand of Klüber Lubrication NA LP
9010 CR 2120 Tyler, TX 75707
+1 800 749 5823
www.klsummit.com

Summit Lubrication – partnering for success

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

www.klsummit.com

KLÜBER
a brand of **LUBRICATION**



**PORTLAND
COMPRESSOR**
Experience You Can Depend On
800-542-8300