



# Genuine Lubricants for Portable Compressors

With over 200 years of engineering excellence, the CompAir brand offers an extensive range of highly reliable, energy efficient compressors and accessories to suit all applications. An extensive network of dedicated CompAir sales companies and distributors across all continents provide global expertise with a truly local service, ensuring our advanced technology is backed up with the right support.

**Portable Compressors (EU and Non EU Range)**

C10-12 to C270TS-9  
1 bis 27 m<sup>3</sup>/min from 7 to 24 bar

**AirPlus offers many variations and options:**

- Aftercooler
- Ultra-fine filters
- Integrated generator
- Bunded bottom box
- Hose reel
- Chalwyn Valve
- Exhaust spark arrestor
- Exhaust gas particulate filter
- Customer colours

**Tools:**

- Chipping Hammers
- Rockdrills
- Pickhammers
- Breakers

**Vibration damped tools:**

- Rockdrills
- Pickhammers
- Breakers

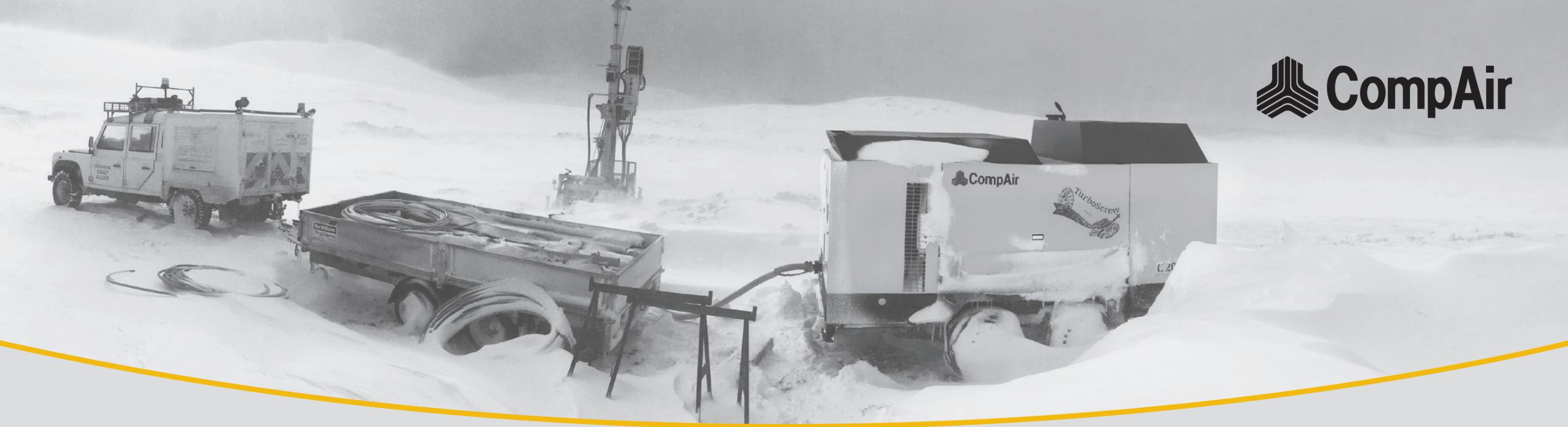
**Accessories:**

- Large selection of pointed chisel, slat chisel and spade
- In line lubricator
- Water separator with or without oiler
- Air hoses

**Services:**

- Technical support and advice
- Worldwide service network
- Reliable supply of spare parts
- Individual customer solutions
- Seminars and trainings





# Protect and optimise your equipment

Portable compressor efficiency and reliability is constantly under threat from the harsh conditions often found in many portable applications.

Selecting our CompAir Genuine lubricants to safeguard your investment is therefore a logical choice.

CompAir Genuine lubricants have been developed in cooperation with our Airend design team as well as engine OEM's to deliver outstanding performance.

## 4 basic needs of lubricants:

### COOLING

Optimizes operating temperatures to protect your investment and prolong lubricant life

### CLEANING

Captures and conveys impurities and contamination to the airend oil filter for removal

### SEALING

Increases compressor ratio by reducing internal clearances compression

### LUBRICATING

Lubricates all moving parts to limit wear and high temperatures caused by friction

## Your genuine benefits using genuine lubricants

- ✓ Genuine lubricants have undergone **rigorous testing in portable airends & engines**
- ✓ Performance is guaranteed so you can benefit from our **Mobile 5 warranty plan**.
- ✓ Higher **equipment availability**
- ✓ Reduce **lifetime cost** of ownership
- ✓ Reduced **maintenance cost**
- ✓ **Extended oil life**
- ✓ Reduced **lubricant consumption**
- ✓ Maintain **energy efficiency** and overall **machine performance**
- ✓ Maintain **operating safety**
- ✓ Help protect the **environment**



## Why should I avoid using non genuine lubricants

- ✗ Useful lubricant **lifetime may not reach** normal service intervals
- ✗ **Oxidation / varnishing**
- ✗ Increased **fuel consumption**
- ✗ **Equipment failure**
- ✗ Decreased **condensation handling**
- ✗ **Swelling or cracking of air system seals / seal material**
- ✗ **Lost production time** whilst expensive repairs are carried out



# Lubricant Overview

## Screw lubricants



### SACO SHC

CompAir SACO SHC is a multi-functional synthetic fluid specifically required for use in the **DLT0207 portable compressor only**.

SACO SHC is manufactured from synthesised hydrocarbon base fluids and an additive system which is fully compatible with petroleum based fluids and all common seal materials.



### SACO 32

CompAir SACO 32 screw lubricant is an excellent performing lubricant that provides industry standard protection and performance in most manufacturing and many mobile equipment operations. It is designed to resist breakdown under heat or mechanical stress and help prevent damaging deposit formation that can decrease the efficiency of your screw compressor.

### FluidForce Universal

CompAir FluidForce Universal screw lubricant is an excellent performing lubricant that provides industry standard protection and performance in most manufacturing and many mobile equipment operations. It is designed to resist breakdown under heat or mechanical stress and help prevent damaging deposit formation that can decrease the efficiency of your screw compressor.



## Tool lube

### AES 82

CompAir AES 82 Anti-trost tool lube is a mixture of fully-synthetic oils with additives for protection against corrosion and wear.

AES 82 is used for lubricating all kinds of compressed air tools such as pneumatic hammers and chisels, displacement mole drives, and pneumatic tools in all branches of industry, especially in the construction industry



## Diesel engine oils



### 10W-40 Premium

CompAir Premium Diesel Engine oil 10W-40 is a synthetic extra high performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe applications. The new advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF) and Selective Catalytic Reducers (SCR).

### 15W-40

CompAir Diesel Engine oil 15W-40 is a high performance mineral engine oil recommended for use in high-speed diesel engines, offering outstanding performance across all types of engines including modern engines without aftertreatment equipment.



# Technical Data



## Check it! What to look for in a lube

- ✔ **Suitable lifetime/change interval**
- ✔ **Thermal stability**  
Does not break down at high temperatures
- ✔ **Lubricity**
- ✔ **Resistance to oxidation**  
Strong molecular structure that resist attack from oxidizers and free radicals
- ✔ **Synergy with additives**  
Good solvency / works in conjunction with additives. Does not compete with additives

## Airend Lubricants

	DLT020X-DLT270X (C20-C270)			DLT020X-DLT270X (C20-C270)		
	DLT0207 (C20-C30)	DLT020X-DLT270X (C20-C270) except DLT0207 (C20-C30)	DLT020X-DLT270X (C20-C270) except DLT0207 (C20-C30)	Anti-frost tool lube	Premium Engine Oil 10W-40	Engine Oil 15W-40
	SACO SHC	SACO 32	FluidForce Universal	AES 82	Premium Engine Oil 10W-40	Engine Oil 15W-40
<b>CompAir SACO SHC</b> is a multi-functional synthetic fluid specifically required for use in the DLT0207 portable compressor. Saco SHC is manufactured from synthesised hydrocarbon base fluids and an additive system which is fully compatible with petroleum based fluids and all common seal materials.  The synthetic fluid is superior to petroleum products, having better thermal and oxidation stability, a higher inherent viscosity index, maintaining optimum viscosity and performance over a wide range of operating temperatures, extremely low pour point and improved low temperature fluidity.  The wide temperature performance characteristics are achieved without viscosity index improvers and consequently the product is completely shear stable.	<b>CompAir SACO 32</b> screw lubricant is an excellent performing lubricant that provides industry standard protection and performance in most manufacturing and many mobile equipment operations. It is designed to resist breakdown under heat or mechanical stress and help prevent damaging deposit formation that can decrease the efficiency of your screw compressor. – Excellent Protection meeting industry standard – Improved low temperature fluidity – Economical – Improved thermal stability and durability at high operating temperatures – Normal operating conditions – Improved environmental compatibility	<b>CompAir FluidForce Universal</b> screw lubricant is an excellent performing lubricant that provides industry standard protection and performance in most manufacturing and many mobile equipment operations. It is designed to resist breakdown under heat or mechanical stress and help prevent damaging deposit formation that can decrease the efficiency of your screw compressor. – Excellent Protection meeting industry standard – Excellent alternative for older compressors with low annual operating hours – At ambient temperatures continuously above +25 °C	<b>AES 82</b> anti-frost tool lube is a mixture of fully-synthetic oils with additives for protection against corrosion and wear  <b>Performance:</b> Temperature range for use: –60 / +90 °C – Good lubricating properties in the temperature range specified – Picks up condensate up to 5 times its own weight without loss of lubricating quality – Anti-icing effect down to –60 °C – Eco-friendly – Pressure-resistant  <b>Application:</b> AES 82 is used for lubricating all kinds of compressed air tools such as pneumatic hammers and chisels, displacement mole drives, and pneumatic tools in all branches of industry, especially in the construction industry  AES 82 can be used in all commercially available flexible or central oilers or via special lubricating devices. Do not mix with other oils in order to maintain the lubrication efficacy.  Do not mix it with mineral oils! Not suitable for sight glasses or oil containers made of amorphous polyamide or polycarbonate!	<b>CompAir Premium Diesel Engine oil 10W-40</b> is a synthetic extra high performance diesel engine oil engineered to provide lubrication to modern, high performance, low emissions engines used in severe applications. The new advanced additive system has been expertly engineered to help towards long engine life and maintain the efficiency of emission reduction systems including the Diesel Particulate Filter (DPF) and Selective Catalytic Reducers (SCR)  Outstanding protection against oil thickening, high temperature deposits, sludge build-up and, oil degradation  Excellent anti-wear, anti-scuff properties and bore polishing and corrosion protection.  Excellent low temperature properties  <b>Application:</b> Stage IIIB-IV and V diesel engines with emissions equipment (DPF, SCR, Adblue)	<b>CompAir Diesel Engine oil 15W-40</b> is a high performance mineral engine oil recommended for use in high-speed diesel engines, offering outstanding performance across all types of engines including modern engines without aftertreatment equipment.  High thermal and oxidation stability. Reduction of sludge buildup and deposits for cleaner engines  Stay-in-grade shear stability. Wear protection and viscosity control for longer component life. Excellent low temperature properties  Advanced detergency/dispersancy. Cleaner engines and longer component life  <b>Application:</b> Diesel engines without emissions equipment	
<b>Extended Warranty compliant</b>	Yes	Yes	Yes			
<b>Maximum Life expectancy</b>	1000 hours	1000 hours	1000 hours		500 hours	500 hours
<b>Recommended Service intervals</b>	1000 hours or 12 months <sup>1)</sup>	1000 hours or 12 months <sup>1)</sup>	1000 hours or 12 months <sup>1)</sup>		500 hours or 6 months <sup>1)</sup>	500 hours or 6 months <sup>1)</sup>
<b>Properties/viscosity</b>				20		
<b>@ 40 °C, cSt</b>	33	32	46	46		109
<b>@ 100 °C, cSt</b>	7,4	5,4	6,7	6,7	14,5	14,7
<b>Pour Point °C</b>	–42	–30	–30	–30	–36	–36
<b>Flash Point °C</b>	210	218	230	230	250	230
<b>Grade</b>				Synthetic	10W-40	SAE 15W-40
<b>Part Numbers</b>						
<b>5 Liters</b>	NA	NA	NA	AES 82	ZS1216358	ZS1216355
<b>20 Liters</b>	ZS1231213	SACO32-20	SCUO2000-20GT	AES 82	ZS1216359	ZS1216356
<b>209 Liters</b>	NA	NA	NA	AES 82	ZS1216360	ZS1216357

<sup>1)</sup> Recommended service interval is based on operating hours or calendar months, which ever comes first and recommendation for  
1. clean ambient conditions,  
2. filter and separator changes as required in compressor service requirements, and  
3. "normal" compressor temperature condition.

**NOTE: Laboratory analysis of compressor fluids should be used to determine lubricant service life under specific conditions.**

Synthetic Lubricant Compatibility – Lubricants are formulated to be compatible with materials found in air compressor systems. These compatible materials include: Viton, High Nitrile Buna N, Teflon, epoxy paint, oil resistant alkyd, nylon Delrin and Celcor