



# Super S<sup>®</sup> Synthetic Blend SAE 30 Compressor Oil

**Super S<sup>®</sup> Compressor Oil** is formulated from a combination of synthetic and highly refined mineral oils to provide extended service operation in reciprocating (piston style) air compressors that require use of a non-detergent 30 weight oil. Mineral oils provide the low vapour pressure and high performance characteristics that are desired for compressor operations while the premium synthetic add excellent cold temperature fluidity and oxidative stability. The proprietary additive system contains special antioxidants and friction modifiers specifically designed to provide extended lubricant life under conditions of high pump load and elevated operating conditions.

**Super S<sup>®</sup> Compressor Oil** displays good demulsibility, rapidly separating from water ensuring maximum film strength is maintained to protect internal parts from abrasion and wear. The robust film strength provided by Super S<sup>®</sup> Compressor Oil forms tight seals around cylinder walls and piston rings allowing maximum compression for system efficiency.

By incorporating a synthetic base oil, carbon deposits around discharge valves are drastically reduced keeping system running cooler, quieter, and longer. The robust additive system is proven over years of real-world use to provide excellent stability and operational efficiency for long life service in most operational environments.

## FEATURES/ BENEFITS

- **Outstanding wear and corrosion protection-** special friction modifiers provide effective protection of internal metal surfaces from corrosion and wear.
- **Maximizes system efficiency-** highly refined mineral base oils with narrow boiling point ranges and low vapour pressure enables efficient operation over an extended maintenance period
- **Superior corrosion protection-** protects pumps from the corrosive effects of air, moisture, and common solvents

## FEATURES/ BENEFITS (cont.)

- **Long lubricant life-** provided by excellent thermal and oxidation stability.
- **Excellent demulsibility** helps ensure good lubricant film strength and minimal wear through quick water separation.
- **Gas compatibility** - compatible with a wide range of gas to include CO<sub>2</sub>, Landfill gas, and Natural gas
- **Rust protection** of metal surfaces due to the use of an effective rust and corrosion inhibitor
- **High viscosity index-** minimum change in viscosity over a wide range of operating temperatures
- **Thermal stability** - long lubricant life at elevated operating temperatures
- **Heat transfer** - effectively transfers heat away from critical areas for a cooler running system

## APPLICATIONS

**Super S<sup>®</sup> Compressor Oil** is formulated for use in the crankcase of reciprocating air compressors operating in a broad range of operational environments. When used on the valve side, it provides a clean crankcase and properly operating valves, rings, and cylinders. It also has shown acceptable performance in rotary, flooded vane, and screw compressors.

**Air Compressors** (portable and stationary reciprocating, rotary, flooded vane, and screw compressors)

**Industrial bearings and gears** that require use of a non-EP oil

**Sootblowers**

**Vacuum pumps**

## SPECIFICATIONS

ASTM D6158, HV  
DIN 51524-3  
ISO 11158 L-HV

VICKERS 35VQ25A  
BOSCH RE 90220-01

\*\*Not for use in breathing air apparatus nor in applications containing Propane, Hydrogen, or H<sub>2</sub>S

\*\*Typically meets a dielectric strength of 35 kV when used in a clean, dry environment

## Special handling, notices, and warnings

Handle all petroleum products with care.

Dispose of per local regulations

### TYPICAL CHARACTERISTICS

Super S <sup>®</sup> Synthetic Blend SAE 30 Compressor Oil		
Properties	Test Method ASTM D-	
ISO Viscosity Grade		100
SAE Grade		30
Pour Point	97	-37
Viscosity Index	2270	110-130
TOST, oxidation life (Hrs to 2.0 Acid No.)	943	5000
Viscosity cSt @ 40°C cSt @ 100°C	445	92 12.3

Typical test data are average values only.  
Minor variations which do not affect product performance are to be expected during normal manufacturing.

Super S<sup>®</sup> Dairy Vacuum Pump Oil resists the formation of deposits and maintains its original lubricating properties over a long life. It is a dehydrated oil; therefore, keep containers well sealed to prevent contamination by moisture.