

MAXTRON SHC

FULL SYNTHETIC, R&O GEAR, CIRCULATING, AND BEARING LUBRICANT

General Description

Maxtron SHC Lubricants comprise a line of full synthetic, R&O gear, circulating and bearing oils designed to provide outstanding equipment protection, oil life, and problem free operation. The advantages of these lubricants over conventional mineral oils include superior component protection for equipment operating at high speed over a wide temperature range during longer drain intervals.

Maxtron SHC LUBRICANTS are blended with select synthetic base oils and a balanced additive system that provides excellent thermal stability, resistance to oxidation, improved wear control, and reduced volatility. They also provide natural shear stability for equipment operating in wide temperature ranges resulting in longer lubricant and equipment life.

Maxtron SHC Lubricants can be used in older equipment. They are compatible with mineral oils but mixing may reduce their exceptional performance. To achieve maximum performance the system should be drained and flushed before filling with Maxtron SHC.

Maxtron SHC ISO 68 and 100 grades have application in some rotary vane, screw and centrifugal air compressors. **Use the correct ISO viscosity grade. Maxtron SHC cannot be mixed with Poly Alkyl Glycol (PAG) or Silicon type synthetic compressor oils.**

Maxtron SHC lubricants are not recommended for applications calling for AGMA EP lubricants.

Features and Benefits

Wide Temperature Range Operation:

Protects equipment at both low and high temperature extremes. This provides easier start up and cooler running thus avoiding seasonal changes.

Extended drain/Reduces Maintenance:

The Maxtron SHC oils withstand higher temperatures, provide superior wear protection, and keep systems cleaner resulting in longer service life, reduced down time and extended drain intervals.

Improved Efficiencies: These lubricants can reduce power consumption due to less viscous drag, increased efficiencies of sliding mechanisms, and overall friction reduction.

Oxidation Control: The higher level of oxidation and thermal stability found with synthetic base oils reduces varnish and carbon deposits, which provides extended oil and equipment life.

Naturally High Viscosity Index: Provides the very best viscosity stability, resulting in reliable start up and improved protection throughout the life of the lubricant.

Wear Prevention: The combination of synthetic base oil and special additives provide excellent gear and bearing protection in both high and low temperature applications extending equipment life.

Rust and Corrosion Protection: Rapid water separation is the key to providing good demulsibility, rust, and corrosion control.

Anti-Foam: Provides foam control and air release properties.

PDS-087 06

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Typical Application

AGMA 9005-E02, 250.04 R&O, (Mild or Non-EP)

- Enclosed gearboxes and bearings
- Irrigation Right Angle Drives
- Worm Gears (ISO 460 grade)
- Air compressors/Vacuum pumps
- Low temperature applications
- High operating temperatures
- Equipment in remote locations

Typical Customer

Owners and operators of:

- Grain elevators
- Construction equipment
- Mobil and Industrial equipment
- Mining
- Forestry
- Oil field equipment
- Industrial plants

Typical Properties

ISO Viscosity Grade	68	150	220	460
AGMA Synthetic R&O Gear	2S	4S	5S	7S
Pounds/gal	7.10	7.33	7.42	7.43
Viscosity @ 100°C, cSt	10.3	19.3	25.8	42.7
@ 40°C, cSt	67.8	155.7	232.2	484.6
Viscosity Index	138	142	142	139
Pour Point, °F	-54	-42	-38	-26
°C	-48	-41	-39	-32
Flash Point, °F	496	547	538	540
NOACK Volatility DIN 51581 %	2.96	2.71	2.08	1.72
4-Ball Wear Test ASTM 4172	0.45	0.35	0.35	0.35

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

HEALTH & SAFETY:

A complete material safety data sheet is available upon request. Used oil contains by-products, which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.