

ADVANCED LUBRICATION TECHNOLOGY, INC.

TECHNICAL BULLETIN

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AUTOMOTIVE A/C COMPRESSOR LUBRICANT

DESCRIPTION: LSCL

LubriSilk™ Automotive Compressor Lubricant is a State-of-the-Art formulated product for excellent lubrication of automotive R-134A compressors. It employs an active chemical process called Boron CLS Bond™ which creates a micro-layer of extremely low friction film on steel and aluminum compressor components. It provides maximum lubricity, and protects against wear and corrosion. The Boron CLS Bond™ chemistry is so unique it's patented. This chemical process creates a micro-layer of extremely low-friction, crystal lattice molecular structures (CLS) that become a part of metallic surfaces (ionic and covalent bonding). It is the self-lubricating property of this crystal lattice structure which reduces wear and friction and protects against corrosion.

LubriSilk™ Automotive Compressor Lubricant is a fully synthetic lubricant designed specifically for R-134A automotive compressors. It is compatible with all seal elastomers commonly used in these systems, including Buna-N, Neoprene and fluorocarbon Viton. Frictional energy losses due to viscous drag between the lubricant and bearing surfaces contribute significantly to the overall efficiency of a compressor system. The gas propellant used is R-134A, and acts as a top fill that helps most systems.

USAGE:

Simply connect the attached fill connector to the compressor low side with compressor running (engine at idle).

APPLICATIONS:

LubriSilk™ Automotive Compressor Lubricant is designed for automotive Air Conditioning compressors and similar compressor applications.

Benefits include: reduced oil carryover; superior cleanliness; superior chemical and thermal stability; enhanced wear protection; low foaming tendencies; and extended oil service interval capability.

SPECIFICATIONS:

Fully synthetic lubricant

R-134A compressors

Compatible with seal elastomers commonly used in these systems, including Buna-N, Neoprene and fluorocarbon Viton

PACKAGING:

8-ounce can with fill hose – Other packaging is available.

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