

# TECHNICAL BULLETIN

Rev: 200609

## AUTOMOTIVE COMPRESSOR LUBRICANT

### **DESCRIPTION: LSCL**

LubriSilk<sup>®</sup> Automotive Compressor Lubricant is a State-of-the-Art formulated product for excellent lubrication of automotive R-134A Air Conditioning compressors. It employs an active chemical process 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<sup>®</sup> 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<sup>®</sup> 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:**

This product 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; Extended oil drain interval capability; and Less oil make-up.

### **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.