

Revitalize & Energize Air Conditioning Systems with



A/C Re~New, formerly called Zerol® Ice, is a highly recognized brand of lubricating oil that has established an outstanding track record enhancing the performance of air conditioning and refrigeration systems.

- Quiets noisy compressors
- Reduces energy consumption - lowers starting and running amps
- Improves heat transfer in the evaporator and condenser
- Great for new and old systems

A/C Re~New for residential air conditioning systems has established an outstanding track record enhancing the performance of air conditioning and refrigeration systems.

Extensive testing of the technology in actual installations has shown its ability to lower energy consumption on average by 11%. The same testing revealed noise reduction and improved cooling performance. See test results on back side. Available in a variety of packages, including the pressurized can for R-22 systems.

Visit www.acrenew.com for more information.

6 oz. pressurized can	4057-50
"2+1" Display Pack	4057-52
1 qt. unpressurized can	4057-54
4 fluid oz. unpressurized can	4057-55
A/C Re~New Injector Tool - for 4 oz. can	4057-99
Injection Valve	4300-89



A/C Re-New Technology Testing Results

Residential air conditioning systems account for up to 70% of the home's energy consumption. And when the outdoor temperature rises the system works longer and harder. Through tests on actual installations, the A/C Re-New technology has demonstrated its ability to reduce the air conditioning systems energy use on average by 11%. It has also been found to improve the system's cooling performance and quiet noisy systems.

Energy Savings

Number of units tested	Outdoor Temperature	Average Running amps Before A/C Re-New	Average Running amps After A/C Re-New	% Savings
26	73.3°F	15.8	14.1	10.8%
12	56.4°F	17.4	16.5	5.2%

Noise Reduction

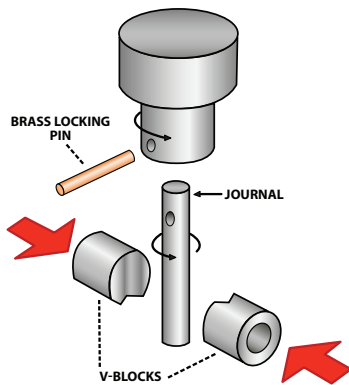
Average Decibel Before A/C Re-New	Average Decibel After A/C Re-New	Decibel Drop
77.08	75.12	1.96

Cooling Performance

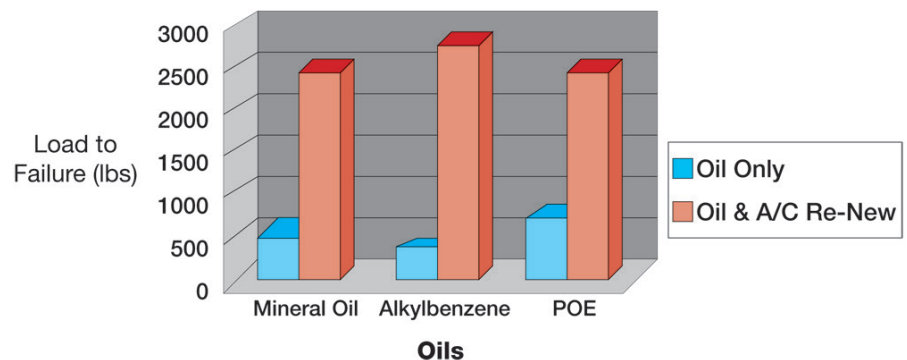
Average Air Duct Temp. Before A/C Re-New	Average Air Duct Temp. After A/C Re-New	Temperature Drop
57.4°F	54.2°F	3.2°F

Falex Pin Test

This test is used to evaluate wear and tear, friction and extreme pressure properties of materials and lubricants. A rotating pin, also referred to as a journal, is lubricated with the test product and is compressed between two V-shaped blocks. Pressure (depicted by the red arrows) is added at increasing levels until the pin fails. The goal is to determine how much load or force the lubricant can withstand before it fails. Therefore, the higher the load, the better the lubricant. Three typical industry oils (Mineral Oil, Alkylbenzene and POE) were tested, both alone and then mixed appropriately with A/C Re-New. A/C Re-New significantly improved the oil's load-to-failure points.



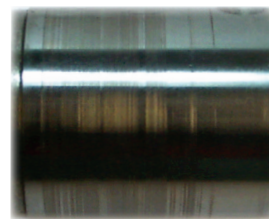
Falex Pin & V-Block Testing Results



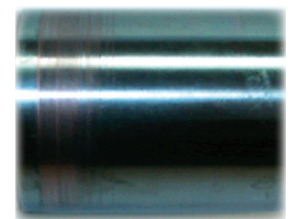
Compressor Wear Test

This test evaluates how well A/C Re-New reduced metal wear in operating compressors. Six reciprocating compressors were tested with R-22 refrigerant and mineral oil for a period of 500 hours. A/C Re-New was applied to half of the compressors. As shown in the pictures to the right, the bearing wear on the compressors was significantly reduced in those compressors containing A/C Re-New. Less wear means the equipment will last longer and reduced friction results in lower energy consumption. Similar results were achieved in scroll compressors.

Reciprocating - Upper Journal



Without A/C Re-New



With A/C Re-New
Fewer Scars

