



The First in Synthetics®

The
**AMSOIL
CENTER**



The AMSOIL CENTER

We purchased the AMSOIL Center in the fall of 2004 in order to expand our production and warehousing capabilities. We installed the industry's most advanced packaging lines, increasing production capabilities by 250 percent. We installed the industry's most advanced blending equipment, increasing efficiency and maintaining the high level of quality demanded of AMSOIL lubricants. We constructed a new laboratory, ensuring only the most high-quality formulations emerge. The world's best raw materials are delivered here, and the world's best lubricants are housed here.

Achieving a high level of success is not easy. It takes hard work, dedication, persistence and a little help. This is true for any type of business. I worked very hard to develop AMSOIL synthetic

motor oil throughout the 1960s. I worked even harder to get it API-certified in 1972, but it took a little help from the AMSOIL Dealer network to make AMSOIL the success it is today.

The AMSOIL Center is the result of the hard work and dedication of many. I started producing AMSOIL synthetic motor oils out of a tiny garage here in Superior, Wis. Now, the AMSOIL Center is more than nine acres under one roof. I used to blend and package AMSOIL motor oils myself. Now, the AMSOIL Center boasts the finest state-of-the-art, automated packaging equipment in the industry. This company has made dramatic leaps forward over the past 36 years. This brochure provides a glimpse into the daily scene at the AMSOIL Center and demonstrates just how far we've come.



A.J. "Al" Amatuzio
President and CEO AMSOIL INC.



The AMOIL Center features a drive-through bulk chemical delivery bay that allows up to six railcars and four tanker trucks to be loaded or unloaded simultaneously.



All incoming raw material is tested prior to acceptance to ensure it meets AMOIL quality parameters. Samples are taken directly from the tankers to the lab. After they are approved, the chemicals are pumped from the delivery tankers to the appropriate bulk storage tanks. Most raw materials are stored in the AMOIL external tank farm, a collection of 30 tanks providing 1.4 million gallons of storage.

The blending skid is computer-controlled and monitored. AMOIL uses a simultaneous metered blending system that pumps raw materials in a blending sequence to maintain top-quality finished products. After it is blended, a sample of the finished product is sent to the lab for testing. Every product AMOIL provides is tested every time it is blended to ensure maximum quality and consistency. The contents of a quart of AMOIL 5W-30 are the same whether it is bought in Dallas, Texas or Columbus, Ohio.



After raw materials are blended and inspected they are pumped to the appropriate staging area. The blending skid at the AMOIL Center pumps at 150 to 200 gallons per minute. Three-and-a-half miles of pipe aid the delivery of material to various destinations within the AMOIL Center.

The blending process at the AMOIL Center uses a much more efficient heat transfer mechanism than the old process did, reducing the energy consumption required to blend AMOIL products and resulting in a lower manufacturing cost per unit produced.

The AMOIL Center's internal tank farm consists of 56 tanks providing 1 million gallons of storage. The internal tanks are used to store additives and finished goods. Finished goods are pumped from the internal tank farm to one of four AMOIL packaging lines.





AMSOIL replaced all of the metal halide lighting that was in the AMSOIL Center with high-efficiency fluorescent lighting, cutting the company's lighting energy consumption by an average of 54%.

There are four different packaging lines in operation at the AMSOIL Center. The quart line is capable of bottling 180 quarts per minute. Bottles are automatically loaded onto the line, filled, capped, labeled, boxed and stacked on pallets. Fork lift operators carry the pallets of packaged products to the AMSOIL Central Warehouse for distribution.





AMSOIL receives tons of packaging materials every month, literally. Ironically, all of that packaging material comes in packaging material.

That adds up to a lot of waste. AMSOIL recycles virtually 100% of all corrugated trays and packaging boxes that come into the AMSOIL Center, equating to several tons per month. AMSOIL also recycles all used steel drums and all "clean" plastic bottles, and is exploring the recycling of used stretch wrap and banding as well.



While quarts are the most popular package size of AMSOIL lubricants, many consumers require other sizes. The multi-line is capable of filling quarts, gallons and 2.5-gallon containers; the Filz-All line packages products into containers between 4 and 32 oz. and the drum line is used to fill drums, totes and five-gallon pails.





The AMOIL Center houses the AMOIL Central Warehouse and the Superior Distribution Center. The AMOIL Central Warehouse distributes all AMOIL products worldwide and supplies the 14 AMOIL Distribution Centers in North America. One of the area's largest UPS customers, AMOIL shipments account for 17 percent of all UPS shipments in the Duluth/Superior Twin Ports Area. The AMOIL Center was originally a grocery distribution warehouse and had 109,000 square-feet of refrigeration and freezer space and 6.2 miles of copper pipe. That area is now the AMOIL Central Warehouse and the Freon and the copper pipe were recycled prior to occupying the space.



The AMSOIL Center in Superior, Wis. is the hub of the AMSOIL distribution network. All AMSOIL products are packaged and shipped from this location. The AMSOIL Center is more than 400,000 square-feet and sits on a 55.5-acre site. It houses AMSOIL Technical Services, the AMSOIL Laboratory, AMSOIL Production and Packaging, AMSOIL Technical Sales, the AMSOIL Central Warehouse, the Superior Distribution Center, the AMSOIL Operations Department, 86 storage tanks, four packaging lines, 38 loading docks, 3.5 miles of pipe, 90 product transfer pumps and 85 employees.



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