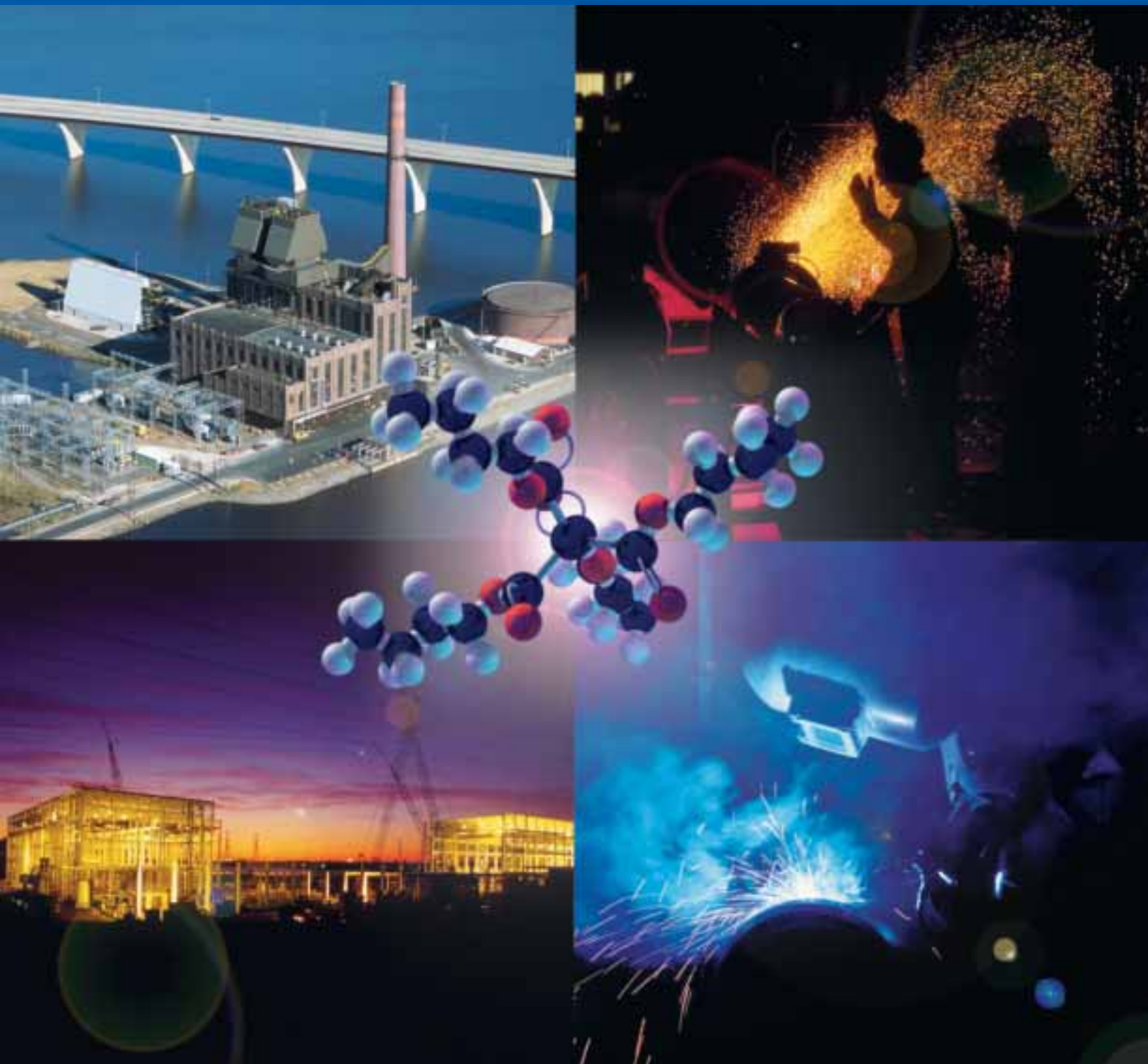




Industrial-Grade Synthetic Lubricants



- SUPERIOR PERFORMANCE AND PROTECTION
- EXTENDED SERVICE LIFE CAPABILITIES • REDUCED OPERATING COSTS

AMSOIL INDUSTRIAL

AMSOIL Industrial was established to bring the advantages and benefits of synthetic lubricant technology to the industrial marketplace. AMSOIL scientists and product managers have produced a comprehensive line of industrial fluids which surpass, in quality, performance and service life, competitive products currently available.

Advanced Formulations

There are no shortcuts in the development and manufacture of AMSOIL products. Our fully-equipped state-of-the-art research and development laboratory is responsible for continual product improvement and rigorous quality control. AMSOIL utilizes the latest, most innovative technological developments in lubricant base stock and additive chemistry. We integrate the best new technologies to provide customers with the most advanced lubricants available today.

Quality Assurance

Quality control begins the moment raw materials arrive at the AMSOIL manufacturing facility. Prior to acceptance, every component undergoes rigorous lab testing to assure that it meets the rigid AMSOIL standards. Testing continues at every stage of manufacture culminating in final testing of finished products before packaging. Since all AMSOIL products are manufactured in Superior, Wisconsin, consistency is assured whether the product is delivered to your plant or anywhere around the world.

Better performance for reduced operating costs

AMSOIL is focused on one primary goal – performance. Whether performance is determined by greater lubricating characteristics and increased operating efficiency, thermal stability and cold-temperature fluidity, or reduced wear and increased service life, AMSOIL sets the standard. All of these features translate to extended service life, reduced maintenance costs and longer equipment life – or more simply an increased bottom line – greater profit as a result of decreased variable maintenance costs and lower equipment replacement expense.





The AMSOIL manufacturing facility houses modern equipment such as this highly efficient packaging system.



The AMSOIL research and development facilities are staffed by synthetic lubrication specialists, fully equipped with state-of-the-art lubricant testing equipment.

AMSOIL Industrial Products

Hydraulic Oils

AW Series Hydraulic Oils

- Available in five viscosity grades.
- Recommended as an all-season lubricant.
- Fully compounded with zinc anti-wear, rust, oxidation and foam inhibitors.
- For use in gear, vane and piston low- and high-pressure hydraulic systems.

TBI Thermally Stable Biodegradable Hydraulic Oil (ISO 32/46, SAE 5W-20)

- Biodegradable as determined by the industry standard CEC-L-33-A-94 biodegradability test.
- AW fortified and non-heavy metal containing for increased environmental friendliness.
- Fully compounded with rust, oxidation and foam inhibitors.
- An all-season lubricant with exceptional cold-temperature performance and recommended for arctic applications as well as warm southern climates.

Gear/Bearing Oils & EP Gear Oils

SG Series EP Gear Oils

- Available in seven viscosity grades.
- Sulfur/phosphorous additive system for maximum protection.
- Meets U.S. Steel 224 and AGMA requirements for EP and synthetic gear oil.
- For use in heavily-loaded gear sets and gears subject to frequent and intense shock loading.

RC Series R&O/AW Gear, Bearing and Circulating Oils

- Available in 12 viscosity grades.
- Ashless anti-wear additive system meets AGMA requirements for R & O and synthetic gear oils.
- Fully compounded with rust, oxidation and foam inhibitors.
- For use in all types of hydraulics, circulating systems, high-speed spindles, light to medium-duty gear and bearing applications, as well as worm gear applications.

Compressor Oils

SIROCCO™ Compressor Oil

- Ester-based rotary screw compressor oil
- Designed to replace expensive polyalkylglycol (PAG) compressor oils in ISO viscosity grade 32 or 46.
- Excellent oxidation resistance; Provides for long life of 8,000+ hours under normal compressor operating conditions.



DC Series

- Diester-based ISO-100 and ISO-150 compressor oil for reciprocating compressors
- Outstanding thermal and oxidative stability suited to high discharge temperatures
- Non-detergent/ashless additive technology for maximum protection and stability

PC Series

- PAO-based and fully compounded with rust, oxidation and foam inhibitors.
- Hydrolytically stable and quickly demulsifies from water for easy draining.
- Reduces carbon formation and provides long life of up to 8000+ hours in normal operating conditions.
- For use in rotary vane, rotary screw and reciprocating compressors that compress air and most that process gases. Also suitable for use in vacuum pumps, blowers and light gear and bearing applications.

Greases

Synthetic Lithium Complex

- Available with or without moly and in varying consistency grades including 00, 0, 1 and 2.
- Thermally stable and highly water resistant.
- Rust protection and EP fortified for extra protection.
- For use in automatic or manual lubricating systems. Excellent for all types of bearings and bushings operating under extreme conditions and for difficult-to-reach applications requiring a premium lubricant.

Food Grade

- Multi-purpose, aluminum complex.
- Highly resistant to water washout.
- Provides rust, corrosion and wear protection.
- Applications include gears, bearings and bushings in manufacturing equipment operating near food that require USDA H-1 lubricants.

Other AMSOIL industrial products

- Chain lubricants • Rust preventatives • Natural gas engine oil • Machine tool slide and way lubricants

AMSOIL industrial lubricants are available in 5-gallon pails, 55-gallon drums, 275-gallon totes and bulk.

Why Choose AMSOIL?



Trained, certified AMSOIL industrial sales representatives provide expert guidance in lubrication.

AMSOIL is the leader in synthetic lubricant technology

AMSOIL specializes in the manufacture of synthetic lubricants. The modern, fully-equipped AMOIL research and testing laboratory is staffed by experienced chemists. AMOIL synthetic lubricants are proven to reduce downtime and promote plant efficiency.

Trained, certified AMOIL industrial sales representatives provide expert guidance in lubrication

AMSOIL sales representatives undergo an intensive training program and pass certification testing before they begin their industrial sales career. They keep their skills fresh and up-to-date through the AMOIL University program of continuing sales and technical education.

All standard lubricant needs may be met with AMOIL products

The comprehensive line of AMOIL synthetic industrial lubricants allows for efficient, *single-source lubricant purchasing*.

Fourteen regional warehouses meet the demand for AMOIL Industrial Lubricants

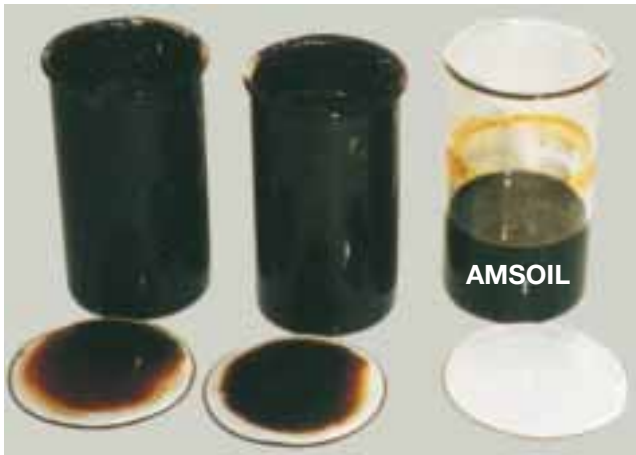
Strategically-placed regional warehouses and rapid order fulfillment allow AMOIL customers to order and receive the products they need when they need them, saving their valuable warehouse space.

AMOIL customers have skilled technical support at their fingertips

Highly-trained lubrication experts on staff at AMOIL may be called on to evaluate and remediate specific lubrication problems or system-wide lubrication regimes. With AMOIL Industrial, expert guidance is as close as the phone.



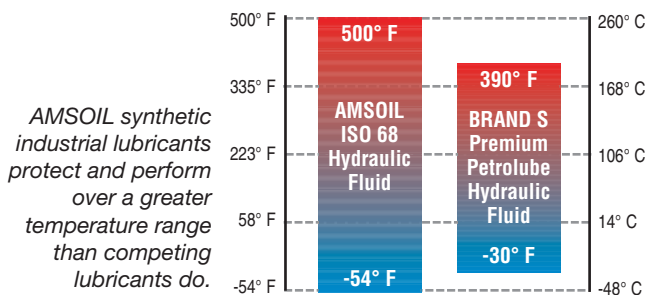
You Have a Problem? AMSOIL Has the Solution.



After 30 days in a 220° C convection oven, AMSOIL high-temperature lubricants are in far better condition than are competing high-temperature lubricants.

THERMAL RANGE

Flash points/Pour points



AMSOIL synthetic industrial lubricants flow at -60° F. this competitor's lube does not.

Problem

Frequent downtime. Lost production. High maintenance costs.

Solution

AMSOIL synthetic industrial lubricants are formulated for extended drain intervals, even in severe service operations. AMSOIL synthetic industrial lubricants may be used up to eight times longer than conventional lubricants may be used.

Problem

High-temperature operation. Reduced machinery efficiency. Increased carbon, sludge and varnish buildup on internal component surfaces due to oil volatility and oxidation. Increased maintenance costs due to reduced oil life and more frequent change intervals.

Solution

Thermal stability is a hallmark of AMSOIL synthetic industrial lubricants. The integrity of the synthetic base stocks used by AMSOIL ensures that thermal and oxidative stability surpass any other product available. Stability is the single characteristic which most influences carbon, sludge and varnish build-up – greater stability means less build-up. With AMSOIL synthetic industrial lubricants' outstanding thermal and oxidative stability, there is virtually no accumulation of by-products or residues. The results – increased operating efficiency; greatly increased lubricant drain intervals; lower maintenance costs; and extended equipment life.

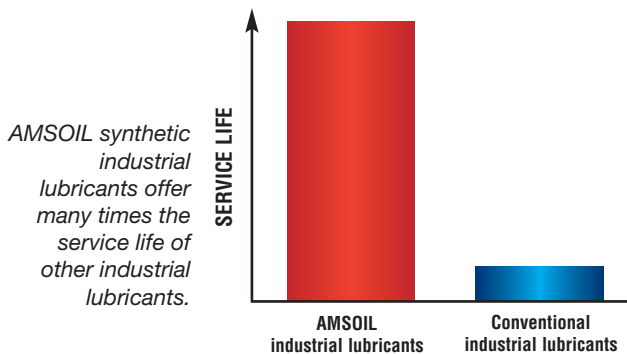
Problem

Equipment in cold-temperature environments. Energy use is high. Increased incidence of coupler and motor damage due to difficult startup. Increased component wear due to lubricant thickening at low temperatures. Sluggish equipment. Reservoir heaters. High maintenance costs, high energy costs and reduced equipment life.



AMSOIL synthetic industrial lubricants offer superior demulsibility.

Service Life Comparison



AMSOIL synthetic industrial lubricants' extended drain capability makes them ideal for use in difficult-to-access applications.

Solution

AMSOIL synthetic industrial lubricants are engineered molecule by molecule. As a result, they contain none of the impurities and paraffinic compounds which thicken in cold temperatures and cause reduced fluidity and increased friction. AMSOIL remains fluid at extremely low temperatures, providing lubrication and component protection far beyond the capability of any conventional lubricant.

Problem

Too many different brands of oils in stock resulting in high inventory stocking levels. Inventory costs rise and product misapplication may occur, bringing with them failures, downtime and expense.

Solution

Lubricant consolidation with premium-quality, affordable AMSOIL synthetic industrial lubricants. AMSOIL synthetic industrial lubricants are designed for use in extreme conditions, yet recommended for use in all operating conditions. Lubricant consolidation reduces inventory, expense, storeroom crowding and the risk of product misapplication.

Problem

Neglect due to difficult accessibility of critical components. Lubricant maintenance may be delayed or overlooked leading to increased component wear and significantly reduced component life.

Solution

Stability and fluid integrity are some of the leading features of AMSOIL synthetic industrial lubricants. As a result, AMSOIL lubricants provide extended service and drain intervals far beyond that of conventional fluids. Extended drains allow reduced maintenance, while at the same time increasing machine efficiency and component life.



"I was initially attracted to AMSOIL for its price. Now, I'm switching all the plant's air compressors to AMSOIL because I'm impressed with the product. AMSOIL Compressor Oil was found 'fit for ongoing service' after 8400 hours of use. Performance like that takes a top-quality product.

"AMSOIL gives me the best of both worlds: the top-quality performance of a synthetic and manufacturer-direct savings. That's an unbeatable combination."

– Don Ussery, World Color Printing

"AMSOIL is a problem-solver. Due to very high operating temperatures and lubricant deterioration, I was changing out the gearbox lubricant in a circulating pump every 30 to 45 days until I installed AMSOIL EP Industrial Gear Oil. Now, the gearbox runs cooler and the lube, which is still in use, has already lasted four times as long as the previous lube. The savings on downtime, labor and lubricant consumption are significant. AMSOIL is a superior product."

– Dale Rank, Western Lake Superior Sanitary District

"AMSOIL Rust Preventative enhanced our business image. Our previous rust preventative just wasn't doing the job and the appearance of our work was suffering. With AMSOIL, there were no more rust spots on our jobs. To top it off, AMSOIL costs less than the old product and has a longer shelf life. It's a great product"

– John Altmann, Indianhead Plating

"I credit AMSOIL Compressor Oil with savings in five areas. By helping our compressors run 20 to 40° F cooler, we no longer need fans and special ventilation systems for heat reduction. With those cooler operating temperatures and the high-quality fluid, our valves don't carbon up, so we don't have to replace them as often. Our compressors draw 10 percent less amperage with AMSOIL. Our oil consumption is way down. And we've gone from three-month to 8000-hour compressor oil drain intervals. Multiply those savings times thousands of compressors and you can see why we're installing AMSOIL nationwide."

– John Small, Sears

For applications and recommendations, contact your local AMSOIL industrial sales representative or AMSOIL INC.

