

Why Are AMSOIL Synthetic Lubricants Best?

Lieutenant Colonel Albert J. Amatuzio served as an award-winning jet fighter pilot for 25 years and had ample opportunity to witness synthetic lubricants in action. These oils are used exclusively in jet engines because of three extraordinary performance characteristics: an ability to reduce friction and wear, an ability to function dependably at temperature extremes and an ability to withstand rigorous and lengthy engine operation without chemical breakdown.

Recognizing that these same lubricant characteristics would benefit automotive and other reciprocating engines, Al Amatuzio formulated the world's first synthetic motor oil to meet American Petroleum Institute (API) service requirements for automobiles. The new lubricant performed like no other before it. When the first can of AMSOIL Synthetic 10W-40 Motor Oil appeared on the market in 1972, it signaled the birth of an industry. During the past 30 years, AMSOIL synthetic lubricants have expanded the boundaries of lubrication science and redefined the performance possibilities of engines, equipment and machinery in automotive, commercial and industrial use. Why are AMSOIL synthetic lubricants the best lubricants available? Take a look.

MOLECULAR ENGINEERING

AMSOIL lubricants are synthesized, not refined. Refining doesn't remove critical impurities, and the lubrication and performance qualities of refined petroleum lubricants are limited. AMSOIL lubricants are impurity-free and offer superior performance and greater versatility.

HIGH-TEMPERATURE PROTECTION AND PERFORMANCE

AMSOIL synthetic lubricants are much more stable in high temperatures than refined oils are. Their superior heat stability reduces the rates of oil consumption, lubricant breakdown and lubricant oxidation, which keeps oil consumption low; equipment clean, protected and running right; and extends lubricant life.

COLD-TEMPERATURE PROTECTION AND PERFORMANCE

AMSOIL synthetic lubricants remain fluid in temperatures far below zero, allowing dependable

engine start-up, fast lubrication, dependable protection and maximum fuel economy in severe cold operations.

INCREASED EFFICIENCY

AMSOIL synthetic lubricants are superior to refined oils in reducing friction, helping lubricated systems use fuel energy for work, not for overcoming drag. Superior friction reduction, as well as lower volatility rates, also helps keep exhaust emissions low.

LONGER ENGINE AND EQUIPMENT LIFE

AMSOIL synthetic lubricants' heat stability and friction-reducing ability keep wear rates low, which helps increase the time to first teardown, increases the interval between teardowns and increases overall equipment life.

EXTENDED LUBRICANT DRAIN INTERVALS

AMSOIL synthetic lubricants offer eight times the service life offered by refined lubricants, and sometimes even more. The long life of AMSOIL synthetic lubricants reduces costs, downtime, waste and environmental damage.

PRODUCT LINE

AMSOIL manufactures synthetic lubricants, advanced filtration systems, fuel additives and coolants for virtually every commercial, industrial or automotive application.

QUALITY CONTROL

AMSOIL synthetic lubricants are manufactured from top-quality synthetic basestocks and performance additives according to a stringent quality control protocol in computer-controlled AMSOIL manufacturing facilities. AMSOIL synthetic lubricants may be counted on to deliver the same top quality performance and protection every time they are used, no matter where in the world they are purchased.

EXPERIENCE

AMSOIL formulated the first API synthetic motor oil in the world and has more experience formulating synthetic lubricants than any other manufacturer in the world. AMSOIL leads the industry in product quality and innovation.