



SYNTHETIC ENGINE OIL



FEATURES

- API SN, SM, SL
- ILSAC GF-5 in appropriate grades
- Meets GM 6094M requirements
- Synthetic technology protection additives
- Unique film strengthening technology
- Enhanced detergent and dispersants
- JASO MA (10W40)

BENEFITS

Designed for the latest in engine technology including:

- Turbo/Super chargers
- Direct Injection
- High power density engines
- Variable Valve technology
- Cylinder deactivation
- Flex fuel technology
- Robust for improved engine durability
- Incredible film strength preventing metal to metal contact
- Superior start up protection – even in extreme cold
- Resists high temperature volatility burn-off & deposits
- Reduced foaming
- Protects against corrosion
- Prevents sludge and abrasive deposits
- Suitable for extended drain protection as recommended by OEM's

Q.A.P FULL SYNTHETIC 5W-30 gasoline engine oil is now dexos1 approved. Scientifically formulated for and licensed by General Motors to meet their new Global Engine Oil Specification.

Q.A.P SYNTHETIC engine oils are designed for use in today's demanding gasoline engines. They exceed the requirements of the American Petroleum Institute's (API) current performance level, for gasoline engine oils and satisfy the current warranty requirements of domestic and foreign automobile manufacturers requiring an API SN or ILSAC GF-5 product.

Q.A.P SYNTHETIC engine oils are suitable for even the severe service typical of city delivery, taxi and police cars. It is also tough enough to withstand the most severe driving conditions the average consumer can impose on it - that is stop-and-go city driving, short trips in cold weather and trailer-towing in hot weather. The high quality synthetic base stock coupled with leading edge additive technology provide top tier protection, no matter how tough the environment.

Older and newer engines alike will benefit from the enhanced performance of Q.A.P SYNTHETIC by creating a protective barrier between critical internal metal components to prevent start up wear. Engine cleanliness is maintained through a unique blend of detergents and dispersants to prevent the formation of sludge and other contaminants. A clean engine is a long lasting engine.

Q.A.P SYNTHETIC PCMO 5W20, 5W30 and 10W30 are qualified for warranty service in new vehicles, as indicated by the American Petroleum Institute (API) SM rating and "starburst" symbol on bottle labels. Q.A.P SYNTHETIC provides proven fuel economy benefits as indicated by the ILSAC Energy-Conserving rating.

Q.A.P SYNTHETIC 5W-40 is specifically formulated to meet the most stringent requirements of European manufacturers, including Volkswagen, Audi, Mercedes, BMW, and Porsche as well as European industry specifications (ACEA). The 5W-40 is dual purposed for both gasoline and diesel engines. The broad viscosity grade provides extreme stability against shearing in high temperatures and pressure while maintaining the ability to readily flow and protect in severe cold conditions.

Q.A.P SYNTHETIC is compatible with multi-grade and synthetic engine oils of the same grade. Never mix grades of engine oils.



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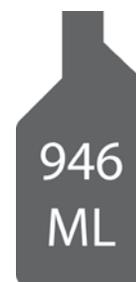
TYPICAL PERFORMANCE RESULTS

SAE GRADE	0W-20	5W-20	5W-30	10W-30	5W-40
VISCOSITY (D-445)					
cSt @ 40°C	43.8	48.2	62.9	64.4	93.6
cSt @ 100°C	8.3	8.5	10.9	10	15.1
VISCOSITY INDEX (D-2270)	168	154	166	140	170
FLASH POINT (°C) (D-92)	223	218	236	214	234
POUR POINT (°C) (D-97)	-47	-48	-48	-40	-39
COLD CRANK SIMULATOR (D-5293)					
cP @ -25°C (max. 7000)					
cP @ -30°C (max. 6600)	5473	4690	4776	5430	6087
LOW TEMP. PUMPING (D-4684)					
cP @ -30°C (max. 60000)					
cP @ -35°C (max. 60000)	18,598	12,900	17,500	13,056	36,600
TOTAL BASE NUMBER (D-2896)	7.7	7.5	7.9	7.8	7.6

AVAILABLE SIZES & CODES

Q.A.P SYNTHETIC PCMO	6 x 946ml. (1 US qt)	12 x 946ml (1 US qt)
0W-20	QSYN0W20-1X6 FX0002406	
5W-20	QSYN5W20-1X6 FX0002306	
5W-30	QSYN5W30-1X6 FX0002606	QSYN5W30-1 FX0002615
10W-30	QSYN10W30-1X6 FX0002506	QSYN10W30-1 FX0002515
5W-40	QSYN5W40-1X6 FX0001606	
5W-30 (Dexos)	QSYNDEXOS-1X6 FX0002806	

AVAILABLE SIZES



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**Quality
AUTOMOTIVE
Products™**