

HMX®

HIGH MILEAGE MOTOR OIL

Product Description

Royal Purple® HMX® is specifically formulated with state-of-the-art additive chemistry to specifically designed for high mileage engines. Featuring robust anti-wear properties and Royal Purple's proprietary Synerlec Technology, HMX will minimize wear and keep your engine on the road longer. Stout detergents remove engine deposits, sludge, and varnish to maintain cleanliness, promote engine longevity, and preserve performance. Additionally, HMX will revitalize hardened seals, reducing oil consumption common in higher mileage engines.

Formulated with premium base oils, HMX is recommended for gasoline and light duty diesel engines - including turbocharged, supercharged, and naturally aspirated applications - HMX exceeds the requirements of API SQ*, ILSAC GF-7*, ACEA C2/C5*, and many OEM specifications.

Choose Royal Purple HMX for superior wear protection, performance, and cleanliness in vehicles with over 75,000 miles

PERFORMANCE ADVANTAGES

- OUTSTANDING WEAR PROTECTION – Industry leading anti-wear additives provide protection and reduce metal to metal contact
- SUPERIOR ENGINE CLEANLINESS - Advanced detergency reduces engine deposits, sludge, and varnish to keeps engines clean
- INCREASED ENGINE PROTECTION - Reduces Low Speed Pre-Ignition (LSPI) in turbocharged Gasoline Direct Injection (GDI) engines
- HIGH MILEAGE PROTECTION – Revitalizes seals & gaskets, minimizing oil leaks

* Meets requirements of but not formally licensed

PRODUCT DATA

Typical Properties					
Property	Test Method	HMX 0W-20	HMX 5W-20	HMX 5W-30	HMX 10W-30
KV40, cSt	ASTM D445	44.74	46.73	59.4	61.29
KV100, cSt	ASTM D445	8.38	8.22	10.14	10.04
Viscosity Index	ASTM D2270	166	151	159	150
Cold Crank Simulator (CCS) cP	ASTM D5293	3331 (-35C)	4949 (-30C)	5233 (-30)	3963 (-25C)
TBN, mg KOH / g	ASTM D2896	7.1	7.48	7.03	7.24
Density @ 15C (g/mL)	ASTM D4052	0.8472	0.8502	0.8506	0.8521
Pour Point, C	ASTM D97	-45	-42	-36	-36
Flash Point, F	ASTM D92	424	440	450	460

Distributed By:

Calumet Branded Products, LLC
1060 N Capitol Ave
Suite 6-401
Indianapolis, IN 46204
Technical Services: 888-382-6300
www.royalpurple.com

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