



CLASSIC HOT ROD™ MOTOR OIL 10W-40

TECHNICAL DATA SHEET – PRODUCT NUMBER 771040

Classic Hot Rod™ Motor Oil Product Information:

- **Classic Hot Rod™** formulation increases metal surface and component durability through moly which provides a solid film lubricant and plating action. Other surface enhancements include improved anti-wear with high levels of Zinc as originally API specified by the OEM when the vehicle was built. This minimizes friction and bearing wear while maximizing overall protection for: compression ring/cylinder wall, piston scuffing and cam/follower components; including initial motor start-up and short term oil starvation periods.

Applications & Use:

- Naturally Aspirated, Turbo-Charged or Super-Charged Gasoline Engines.
- Applications where a SAE 10W40 by OEM is suggested.
- Long Term Storage Protection.
- Automotive & OEM warranty needs, always use API certified specified products.
- Not for use with modern emission systems (1994 or newer)

Features & Benefits:

- Diamond Like Additive™ (DLA) Technology historic testing shows overall co-efficient friction performance improvements (.5%-2% HP) as compared when moly type additives are used alone.
- Co-Efficient Friction Differences: Diamond Like Additive™ (DLA) Technology 0.025 vs. Moly 0.08.
- Anti-wear formulation requiring no additional protection additives.
- SynMax™ advanced proprietary formulation enhances the Zinc (ZDDP) anti-wear protection (1500 ppm); allowing the oil to operate and burn much cleaner within the combustion chamber (normally from blow-by). Cleaner combustion operations helps prevent “hot spot deposits” upon the piston crown, spark plug & valve face areas; greatly reducing the possibility of “deposit pre-detonation”.
- Excellent protection for flat tappet standard, overhead cam & valve train components.
- Long Term Storage additives as specified by the US Military are used to coat parts and reduce the effects of moisture causing internal rust, oxidation and deterioration of parts.
- Special conditioning additives help restore & keep seals & rubber parts pliable to prevent leaks.
- Premium paraffin / mineral type base oil formulation are used which provides maximum low temperature fluidity as well as high to extreme operating temperature stability. Flows through engine parts, for low to high RPM requirements, with high temperature/high shear performance creating excellent oil film protection, while minimizing lubricant frictional resistance upon bearings and other rolling or sliding components.



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Key Features and Benefits Include:

Features	Advantages and Potential Benefits
Premium Base Oils.	Provides excellent viscosity stability and lubrication durability under standard automotive and heavy duty requirements for older designed applications.
Moly & anti-wear additives	DLA additive technology with high levels of Zinc provides premium protection upon bearings and component surfaces.
Premium Detergent additives	Outstanding performance to cleanse and suspend metal particles or other contaminants to be further flushed away at hot oil drain and oil filter change.
Storage Protection	Long term protection against the effects of moisture, rust and oxidation.

Typical Properties:

Classic-Hot Rod™ Motor Oil 10W-40	
SAE Grade	10W-40
Viscosity, ASTM D 445 cSt @ 40° C	108-122
Viscosity, ASTM D 445 cSt @ 100° C	14.0-15.5
Viscosity Index, ASTM D 2270	145
Pour Point	-25F
Flash Point	442F

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

Health and Safety:

Based on available information, this product is not expected to produce adverse effects on health when used for the applications referred to above and the recommendations are followed as provided within the Material Safety Data Sheet (MSDS). MSDS's are available via Internet or upon request through your local dealer. This product should not be used for purposes other than the applications referred to above. If disposing of used product, take care to protect the environment. Always keep out of the reach of children.

SynMax Performance Lubricants Distributed by:

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