

Auto Gold HMO Gasoline Engine Oil

General Description

Auto Gold HMO gasoline engine oil is high quality motor oil. It was designed primarily for gasoline engines in older vehicles or those with higher mileage. It is formulated with high quality, high viscosity index base oils, and a proven additive system with **enhanced** levels of additives. Including detergents, dispersants, rust and high temperature oxidation inhibitors along with exceptional antiwear protection. Auto Gold HMO is formulated to provides excellent low temperature pump ability.

New Auto Gold HMO SAE 10W30 and 10W40 are formulated with additional performance additives to surpass the API Service SL requirements. Auto Gold HMO provided performance enhancements in deposit control, oil consumption, and seal conditioning.

Auto Gold HMO engine oils will provide excellent lubrication in engines that require current API Service SL designation. The Auto Gold HMO and Auto Gold straight grade engine oils SAE 10W,30 will also provide enhanced performance in units that require older API Services levels,SL, SJ, SH, SG, SF, SE, SD, SC / CC.

Expect Enhanced performance in:

- Four-stroke naturally aspirated and turbocharged gasoline engines.
- Propane fueled engines that require the API Service Classifications listed.
- Stationary gasoline engines, such as irrigation and standby generators.
- Off-highway gasoline powered agricultural and construction equipment.

Features and Benefits

Energy Conserving Performance: In SAE 10W-30.

Enhanced Oil Pump ability: Oil that pumps better and reaches critical areas faster during cold start-ups, therefore, preventing wear.

Enhanced Rebalanced Formula: This new formula promotes engine cleanliness and Volatility Control at ring belt region.

Enhanced Antiwear Protection: Reduces wear, protecting highly loaded engine parts.

Enhanced Oxidation Control: Improved oxidation protection for high under hood temperatures experienced in current and older gasoline engines.

PDS-095-05

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Typical Application

Auto Gold HMO engine oils are additive enhanced proven lubricants for use in older vehicles or those with higher mileage as well as vintage cars and trucks. It is formulated to exceed a variety of specifications and engine manufacturers' requirements, which include:

- API Service Categories as listed in the typical properties chart
- MIL-L-46152E (SAE10W30)
- API Energy Conserving for 10W-30
- Exceeds car manufacturers' warranty requirements

Typical Customer

Owners/operators of older gasoline engine passenger cars, pick-ups, or other gasoline powered vehicles and equipment.

HEALTH & SAFETY:

A complete material safety data sheet is available upon request. Used motor oil contains combustion by-products, which may be harmful. Avoid prolonged or repeated skin contact. Wash clothing and exposed areas with soap and water. Don't pollute - return used oil to a collection center.

Typical Properties

SAE Viscosity Grade	10W-30	10W-40	10W	30
High Mileage Oil	HMO	HMO	*	*
API Service	SL/EC	SL	SL	SL
Viscosity, cSt @ 40° C	77	78.0	35.3	97.7
@ 100° C	11.4	14.6	5.7	11.2
Viscosity Index	140	190	100	100
API Gravity	30.8	28.8	29.5	27.7
Pour Point, °F	-40	-30	-35	-5
MRV-TP1 Vis, P @ -30° C	23,800	46,000	300 @ - 30	--
CCS Vis, P @ -25° C	6000	6600	63 @ -25	--

The typical properties listed reflect the general characteristics of the product, and are not manufacturing specifications. Normal batch-to-batch variations should be expected.

* The SAE 10W, SAE 30 will not carry the enhanced additives found in Auto Gold HMO lubricants.