

# Auto Gold™ Synthetic Blend Gasoline Engine Oil

## General Description

Auto Gold **synthetic blend** gasoline engine oil is a high quality motor oil designed primarily for gasoline engine service. It is formulated as a synthetic blend of high quality, high viscosity index base oils, a new and improved additive system with the proper balance of detergents, dispersants, rust and high temperature oxidation inhibitors. It has exceptional antiwear protection with lower phosphorus additive technology. SAE 5W-20, 5W-30 and 10W-30 are formulated as synthetic blends using a special viscosity index improver which provides excellent low temperature pumpability during the life of the oil.

**New GF-4 ILSAC** Starburst improved performance documentation for SAE 5W20, 5W-30 and 10W-30 and includes the API Service Symbol, or “donut”, with new API Service SM and Improved Energy Conserving certification with lower phosphorus for engine emission systems. These same viscosity grades carry the API Certification Mark, or “starburst” symbol, which many new vehicle owner manuals use to signify the motor oil service requirement for the vehicle.

Auto Gold engine oils can also be used where API Services SM, SL, SJ, SH, SG, SF, SE, SD, SC / CC are specified.

## Expect excellent 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:** ILSAC GF-4 /GF-3 Starburst approval for SAE 5W20, 5W-30 and 10W-30 will demonstrate the new improved fuel economy.

**Oil Pumpability:** Synthetic blend of base oils that pumps faster than required, the oil will be circulated from the crankcase to various engine areas faster during cold start-ups, therefore, preventing wear.

**Balanced Formula:** Quality balanced formula promotes engine cleanliness and volatility control at ring belt region.

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

**Warranty Qualification:** Meets or exceeds Ford, GM, and Chrysler new specifications for oxidation, wear and Improved fuel economy. It meets the warranty requirements and oil drain interval recommendations of car and light truck manufacturers.

**Oxidation Control:** The synthetic blend gives you excellent oxidation protection for high underhood temperatures experienced in current gasoline engines.

PDS-094-05

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## Typical Application

Auto Gold **synthetic blend** engine oil is a tested and proven lubricant for use in gasoline powered passenger cars, trucks, agricultural, and commercial equipment. 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
- API Energy Conserving for SAE 5W-20, 5W-30 and 10W-30
- Exceeds car manufacturers' warranty requirements GF-4/GF-3
- Ford Specification WSS M2C929-A(5W-30) and M2C930-A(5W-20), GM 6094M, and Chrysler MS-6395

## Typical Customer

Owners/operators of all 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	5W-20	5W-30	10W-30
API Service	SM/EC	SM/EC	SM/EC
Viscosity, cSt @ 40° C	52.5	52	68.9
@ 100° C	9.0	10.5	10.7
Viscosity Index	156	156	145
API Gravity	32.5	33.8	33.8
Pour Point, °F	-40	-40	-45
MRV-TP1 Vis, P @ ° C	29,000 @ -35	29,000 @ -35	15,417 @ -30
CCS Vis, P @ ° C	4,900 @- 30	4,900 @ -30	5,086 @ -30

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