



# *High Mileage* **SAE 5W-30** *SYNTHETIC BLEND* **MOTOR OIL**



MFA Oil Synthetic Blend, High Mileage 5W-30 Motor Oil is engineered to provide both the benefits of synthetic base oils and the benefits of additives tailored to the needs of engines with over 75,000 miles.

The synthetic base oils in MFA Oil Synthetic Blend offer superior oxidation stability, extra protection against heavy load conditions, additional high temperature protection and better cold weather properties than conventional motor oils.

MFA Oil's higher mileage additives provide anti-wear protection and seal conditioning agents, which restore flexibility to brittle seals and help prevent engine leaks. They also work to maintain power or restore lost power by reducing engine deposits. This premium blend is a resource conserving oil that reduces friction and can increase fuel mileage.

- Synthetic component in this oil provides an additional margin of protection in both the high and low temperature operating conditions
- Synthetic component provides extra protection against the formation of sludge during low temperature stop-and-go driving
- Heavy duty additive component provides extra protection for severe service towing and heavy load operation
- Seal swell agents soften older, brittle engine seals and assist in preventing seal leaks
- Meets or exceeds most manufacturers' warranty requirements (proper SAE grade required)
- 5W-30 meets or exceeds API SP, SN, SM and SL service requirements
- 5W-30 meets or exceeds ILSAC GF-6A requirement
- Offers exceptional wear protection in severe service conditions

*Always follow manufacturer's guide for proper SAE grade and API classification.*



# High Mileage SAE 5W-30 SYNTHETIC BLEND MOTOR OIL



## Typical Characteristics

PRODUCT	5W-30
Gravity, °API	33.48
Specific Gravity @ 60°F (15.6°C)	0.8577
Flash Point, °C	220
Flash Point, °F	428
Viscosity @ 40°C, cSt	67.62
Viscosity @ 100°C, cSt	11.3
Viscosity Index	161
Pour Point, °C (°F)	-45°C (-49°F)
Cold Cranking Simulator at (°C), cP	5500 (-30)
High Temperature / High Shear Vis at 150°C, cP	3.15
Noack Volatility, % loss	12
Color	3
Zinc, wt. %	0.085
Phosphorus, wt. %	0.077
Calcium, wt. %	0.099
Sulfur, wt. %	0.3
Magnesium, wt. %	0.059
Boron, wt. %	0.02
Molybdenum, wt. %	0.0079
Sulfated Ash, wt. %	0.92
Nitrogen, wt. %	0.087
Pumping Viscosity at (°C), cP	16,500 (-35)
Shear Stability, Final Viscosity in cSt	8.6
TBN, mgKOH/g	7.0

## Performance Level

MFA Oil Synthetic Blend, High Mileage 5W-30 Motor Oil can be used in nearly all service for all domestic and foreign gasoline engines, including passenger cars, light-duty trucks and sport utility vehicles. It provides outstanding protection for higher mileage engines and for newer engines which owners plan to maintain well past the factory warranty period. SAE 5W-30 is particularly well suited for older, higher mileage engines and meets the requirements of ILSAC GF-6A, API SP, SN Plus, SN, SM and SL.

## Available In:

Qt, 55 Gal Drum, 330 Gal Tote, Bulk

