



# *Super HP* **SYNTHETIC BLEND MOTOR OIL**



MFA Oil Synthetic Blend Motor Oil is a premium quality motor oil designed for use in passenger cars, vans, sports utility vehicles and light duty trucks under ALL operating conditions. It is formulated to provide superior wear protection, minimize engine sludge and varnish deposits and resist thermal breakdown even in severe service. It provides better oxidation resistance and reduced oil consumption than conventional all-mineral motor oils.

MFA Oil Synthetic Blend Motor Oil offers superior cold temperature pumpability, providing easier cold starts by moving the oil through the engine faster, which also decreases wear. This oil is resource-conserving and saves fuel.

- Synthetic component provides extra protection against the formation of sludge during low temperature stop-and-go driving
- Synthetic base oil and additives provide extra wear protection for severe service towing and heavy load operation
- Meets or exceeds most manufacturers' warranty requirements (proper SAE grade required)
- Meets or exceeds API SP, SN, SM, and ILSAC GF-6A service requirements
- Keeps engines cleaner longer
- Provides outstanding protection for new engines that owners plan to maintain well past the factory warranty period
- Protects against rust and bearing corrosion
- Provides outstanding protection for older engines
- Resists foam

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



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## Typical Characteristics

PRODUCT	5W-20	5W-30
Gravity, °API	33.55	33.48
Specific Gravity @ 60°F (15.6°C)	0.8573	0.8577
Flash Point, °C	220	220
Flash Point, °F	428	428
Viscosity @ 40°C, cSt	51.73	67.62
Viscosity @ 100°C, cSt	8.933	11.3
Viscosity Index	154	161
Pour Point, °C (°F)	-45°C (-49°F)	-45°C (-49°F)
Cold Cranking Simulator at (°C), cP	5150 (-30)	5500 (-30)
High Temperature / High Shear Vis at 150°C, cP	2.68	3.05
Noack Volatility, % loss	13	12
Color	3	3
Zinc, wt. %	0.085	0.085
Phosphorus, wt. %	0.077	0.077
Calcium, wt. %	0.099	0.099
Sulfur, wt. %	0.3	0.3
Magnesium, wt. %	0.059	0.059
Boron, wt. %	0.02	0.02
Molybdenum, wt. %	0.0079	0.0079
Sulfated Ash, wt. %	0.92	0.92
Nitrogen, wt. %	0.087	0.087
Pumping Viscosity at (°C), cP	17,000 (-35)	19,100 (-35)
Shear Stability, Final Viscosity in cSt	7.55	8.6
TBN, mgKOH/g	7.0	7.0

## Performance Level

API SP, SN PLUS, SN, SM, SL, SJ, SH  
 GM 6094M, GM 9986202 (5W-20)  
 GM 9986231 (5W-30)  
 ILSAC GF-6A, GF-5  
 Ford WSS-M2C960-A1, M2C945-A,  
 M2C930-A (5W-20)  
 Ford WSS-M2C961-A1, M2C929 (5W-30)  
 MIL-L-46152C, D  
 DaimlerChrysler MS-6395N, MS-6395L  
 MILITARY CID-AA-52039  
 Toyota, Nissan, Mazda, Honda,  
 Suzuki, Hyundai, Kia  
 TURBO RATED

## Available In:

Qt, 55 Gal Drum, 330 Gal Tote, Bulk

