



# *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
- Exceeds most manufacturers' warranty requirements (proper SAE grade required)
- Exceeds API SN, SM, SL and SJ service requirements and ILSAC GF-5
- 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	33.13	32.82
Specific Gravity @ 60°F (15.6°C)	0.8595	0.8611
Viscosity @ 40°C cSt	47.16	60.31
Viscosity @ 100°C cSt	8.26	10.18
Viscosity Index	151	157
Pour Point °C (°F)	-45°C (-49°F)	-45°C (-49°F)
Cold Cranking Simulator at (°C), cP	5665 (-30)	6102 (-30)
High Temperature / High Shear Vis at 100°C, cP	6.05	6.74
High Temperature / High Shear Vis at 150°C, cP	2.74	3.07
Noack Volatility, % loss	13.7	14
Color	2	2
Zinc, wt. %	0.098	0.098
Phosphorus, wt. %	0.077	0.077
Calcium, wt. %	0.25	0.25
Sulfur, wt. %	0.298	0.298
Boron, wt. %	0.018	0.018
Sulfated Ash, wt. %	0.92	0.92
Nitrogen, wt. %	0.102	0.102
Pumping Viscosity at (°C), cP	22,900 (-35)	28,600 (-35)
Shear Stability	7.36	8.51
High Temperature Foaming, static foam	10/0	30/0
TBN, mgKOH/g	8.5	8.5

## Performance Level

API SN, SM, SL, SJ, SH  
 GM 6094M, GM 9986202 (5W-20)  
 GM 9986231 (5W-30)  
 ILSAC GF-5  
 Ford WSS-M2C930-A (5W-20)  
 WSS-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, Drum, Bulk

