



Super HP **SAE 10W-40** **ALL SEASON** **MOTOR OIL**



MFA Oil Super HP motor oil is formulated using only high quality Group II, severely hydrocracked, high viscosity index, paraffinic base stocks and the most sophisticated additive system satisfying the newest passenger car engine performance category. MFA Oil Super HP offers maximum engine protection under extreme temperature conditions by providing superior pumpability and lubrication to all moving parts during cold start-up. At high operating temperatures, Super HP maintains its lubricity and thermal stability to provide a highly efficient lubricating film for engine parts that prevents sludge formation and oxidation thickening. Super HP is specifically formulated for today's sophisticated, high-revving, hot-running engines.

Products meeting API classification SN are suitable for all earlier model vehicles that require SM, SL or SJ quality motor oils.

- All-season motor oil
- Excellent pumpability
- Excellent oxidation control
- Excellent wear control
- High speed sludging prevention
- Oxidative thickening prevention
- Varnish build-up reduction
- Excellent thermal stability
- Improved fuel economy
- Lower phosphorus and sulfur resulting in improved emissions system durability
- Improved high temperature deposit control
- Improved low temperature performance

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



Super HP SAE 10W-40 ALL SEASON MOTOR OIL



Typical Characteristics

PRODUCT	10W-40
Gravity, °API	30.81
Specific Gravity @ 60°F (15.6°C)	0.8718
Viscosity @ 40°C cSt	98.6
Viscosity @ 100°C cSt	14.32
Viscosity Index	149
Pour Point °C (°F)	-39°C (-38°F)
Cold Cranking Simulator at (°C), cP	5724 (-25)
High Temperature / High Shear Vis at 100°C, cP	N/A
High Temperature / High Shear Vis at 150°C, cP	3.88
Noack Volatility, % loss	13.5
Color	2
Zinc, wt. %	0.098
Phosphorus, wt. %	0.077
Calcium, wt. %	0.25
Sulfur, wt. %	0.298
Boron, wt. %	0.018
Sulfated Ash, wt. %	0.92
Nitrogen, wt. %	0.102
Pumping Viscosity at (°C), cP	40,961 (-30)
Shear Stability	11.55
High Temperature Foaming, static foam	10/0
TBN, mgKOH/g	8.5

Performance Level

API SN, SM, SL, SJ
 ILSAC GF-5
 MIL-L-46152C, D
 MILITARY CID-AA-52039
 CHRYSLER MS-6395D*
 TURBO RATED

Available In:

Qt, Drum, Bulk

