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API Service SN Plus High Mileage Motor Oils

As gasoline engines age, their lubrication requirements change: engine seals begin to harden, carbon deposits and other contaminants accumulate on the rings and fuel injectors, and oil consumption increases. FORMULA 500® High Mileage Motor Oils meet the specific needs of these engines while meeting the performance level of the API SN Plus service category specification.

FORMULA 500® High Mileage Motor Oils are designed to meet the high performance requirements of the current API SN Plus service category introduced in 2018. FORMULA 500® High Mileage Motor Oils use high quality petroleum base stocks along with state of the art additive technology to create a high quality motor oil for use in gasoline powered engines, including turbocharged GDI engines. These oils provide excellent protection against wear and deposits in the engine, while extending the life of emission control components. They also help prevent occurrences of LSPI (low speed pre-ignition), which can cause damage to engines.

FORMULA 500® High Mileage Motor Oils are premium grade API Service SN Plus oils blended with additional additives that condition engine seals and attack engine deposits. This technology cuts down on oil loss and helps the engine to regain the performance it has lost with age. Use of these oils in lower mileage cars may also prevent the onset of problems. Since API service categories are backwards compatible, these high mileage motor oils can be used in any gasoline powered engine calling for the most current API SN Plus service category or older specifications such as SN, SM, and SL.

Always follow manufacturer's recommendations for service classification, viscosity grade and drain intervals.

Typical Properties:

Product: FORMULA 500® High Mileage Motor Oils				
SAE Viscosity Grade	5W-20	5W-30	10W-30	10W-40
Product Code	52185	52186	52187	52188
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	8.3	10.7	9.9	15.4
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	48.0	64.4	62.6	105.3
Viscosity Index (ASTM D-2270)	149	156	142	154
Total Base Number (ASTM D-2896)	7.3	7.3	7.3	7.3
Zn (ppm)	820	820	820	820
Ca (ppm)	1360	1360	1360	1360
Mg (ppm)	400	400	400	400