



HICKS oils
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Full Synthetic API SN Motor Oils

FORMULA 500® Full Synthetic SN Motor Oils are designed to meet the high performance requirements initiated in 2011 gasoline-powered vehicles. Utilizing premium performance additives in synthetic base oils, these full synthetic motor oils offer outstanding protection from engine wear, sludge formation, deposit build up, and thermal oxidative degradation. These characteristics make FORMULA 500® Full Synthetic SN Motor Oils an excellent choice for moderate to severe service conditions.

FORMULA 500® Full Synthetic SN Motor Oils formally carry the American Petroleum Institute's (API) SN approval, and proper viscosities are also ILSAC GF-5 approved and are considered Resource Conserving. These formal approvals are denoted by the API donut and ILSAC starbursts identifying oils which have undergone the necessary testing and monitoring by the API to verify the product meets the current automotive specification. These oils are also fully backwards compatible to all older API gasoline powered engine specifications such as SM, SL, SJ, etc.

As with any lubricant, always follow manufacturer's recommendations for proper service classification and viscosity grade.

Typical Properties:

Product: FORMULA 500® Full Synthetic SN Motor Oils					
SAE Viscosity Grade	0W-20	5W-20	5W-30	10W-30	10W-40
API Classification, (ILSAC Classification)	SN(GF-5)	SN (GF-5)	SN (GF-5)	SN (GF-5)	SN
Product Code	51162	51165	51166	51167	51168
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	8.9	9.0	11.4	10.3	15.8
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	48.6	52.7	67.7	66.8	106
Viscosity Index (ASTM D-2270)	165	152	164	141	160
Total Base Number (ASTM D-2896)	7.9	7.9	7.9	7.9	7.9
API Gravity (ASTM D-1298)	35.1	34.2	35.0	34.1	33.0