



HICKS oils
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API SN Motor Oils

FORMULA 500[®] API Service SN motor oils are designed to meet the high performance requirements initiated in 2011 automotive lines. FORMULA 500[®] API SN 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. FORMULA 500[®] API Service SN motor oils provide excellent protection against wear and deposits in the engine, while extending the life of emission control components. This premium blend of motor oil allows up to 5,000 miles between oil changes.

FORMULA 500[®] API Service SN motor oils formally carry the American Petroleum Institute's (API) SN approvals, and the 5W-20, 5W-30, and 10W-30 viscosities are Resource Conserving and are ILSAC GF-5 approved. The API donut and ILSAC starburst identify oils which have undergone the necessary testing to meet the current automotive specification. These oils are fully backwards compatible to all older API gasoline powered engine specifications such as SM, SL, SJ, etc.

FORMULA 500[®] 5W-20, 5W-30 and 10W-30 API SN motor oils utilize a mixture of synthetic and convention base oils; and, therefore, are considered synthetic blend motor oils.

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

Typical Properties:

Product: FORMULA 500 [®] SN Motor Oils					
SAE Viscosity Grade	5W-20	5W-30	10W-30	10W-40	20W-50
API Classification, (ILSAC Classification)	SN (GF-5)	SN (GF-5)	SN (GF-5)	SN	SN
Product Code	51175	51176	51177	51128	51120
Kinematic Viscosity @ 100°C, cSt (ASTM D-445)	8.6	10.8	10.6	15.8	17.9
Kinematic Viscosity @ 40°C, cSt (ASTM D-445)	49.9	65.3	71.2	110.0	147.4
Viscosity Index (ASTM D-2270)	150	156	135	152	134
Total Base Number (ASTM D-2896)	7.9	7.9	7.9	7.9	7.9
API Gravity (ASTM D-1298)	32.6	32.8	31.3	32.0	29.2
Zn (ppm)	850	850	850	850	850
Ca (ppm)	2140	2140	2140	2140	2140