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## API SN PLUS Motor Oils

Nature's Choice® API Service SN PLUS Motor Oils are designed to meet the high performance requirements initiated in 2018 automotive lines. Nature's Choice® API SN PLUS 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. Nature's Choice® API Service SN PLUS Motor Oils provide excellent protection against wear and deposits in the engine and prevent occurrences of low speed pre-ignition (LSPI), while also extending the life of emission control components. This premium blend of motor oil allows up to 5,000 miles between oil changes.

Nature's Choice® API Service SN PLUS Motor Oils formally carry the American Petroleum Institute's (API) SN PLUS approvals and the 5W-20, 5W-30, and 10W-30 viscosities are Resource Conserving and 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 SN, SM, SL, etc.

Nature's Choice® 5W-20, 5W-30 and 10W-30 API SN PLUS Motor Oils utilize a mixture of synthetic and conventional base oils; and, therefore, are considered synthetic blend motor oils.

The Nature's Choice® product line was developed in response to President Clinton's Executive Order 13101 which mandated the use of motor oils with re-refined content for government use. Since that time, the Nature's Choice® product line has grown from motor oils to include many other types of lubrication. Blending virgin and re-refined base stocks with quality additive chemistry, Nature's Choice® brand products are able to meet the top performance grades required for today's lubrication requirements, while being more environmentally friendly.

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

### Typical Properties:

Product: Nature's Choice® SN PLUS Motor Oils				
SAE Viscosity Grade	5W-20	5W-30	10W-30	10W-40
API Classification, (ILSAC Classification)	SN+ (GF-5)	SN+ (GF-5)	SN+ (GF-5)	SN+
Product Code	152175	152176	152177	152128
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
API Gravity (ASTM D-1298)	33.7	33.8	32.9	33.1
Zn (ppm)	820	820	820	820
Ca (ppm)	1360	1360	1360	1360
Mg (ppm)	400	400	400	400