



## Fully Synthetic Gasoline Engine Oil - API SN

Fully Synthetic Gasoline Engine Oil - API SN has been formulated for latest on-road, high-performance and inter-cooled direct injection high performance gasoline engines normal SAPS passenger car portfolio. It provides outstanding protection against engine wear under high-temperature and high engine speed conditions. It is blended from synthetic base components, highly shear stable viscosity modifiers and premium tier additive packages. Suitable for ACEA 2012 normal SAPS requirements formulations.

### Main Benefits

- Excellent oxidation resistance
- Excellent low temperature flow characteristics
- Excellent detergency and high dispersancy
- Exceptional thermal stability
- Low oil consumption

### Applications

It is recommended for various types of modern vehicles where it will help provide unsurpassed performance even under very demanding driving conditions. It is recommended for latest engine technologies including direct injection, diesels (without DPF) and hybrids.

### Specification & Performance Standards

API SN/CF, ACEA A3/B4-2012 A3/B3, Mercedes Benz 229.3 & 229.5., JASO MA-2, VOLKSWAGEN 502/505, Porsche A40, Opel GM-LL-A/B-025, Renault 0700/0710

### Typical Physical Characteristics

Test	Test Method	SN	
SAE Viscosity Grades	-	5W/30	5W/40
Density @ 15°C, Kg/ltr	D-4052	0.852	0.852
Kinematic Viscosity @40°C cSt	D-445	62.0	80.0
@100°C cSt	D-445	11.0	14.0
Viscosity Index	D-2270	171	182
TBN,mg KOH/gm	D-2896	10.0	10.0
Pour Point, °C	D-97	-39	-39
Flash Point, °C	D-92	224	222
Sulphated Ash % wt	D-874	1.2	1.2
Foam Vol Tend/Sta Seq I,SeqII,Seq III	D-892	0/0,0/0,0/0	0/0,0/0,0/0
Apparent viscosity by CCS,cP	D-5293	6100 @ -30°C	6200 @ -30°C

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by United Grease or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest United Grease office or at [www.unitedgrease.com](http://www.unitedgrease.com). © United Grease and Lubricants Co LLC, 2022