

Hanasaki API SL Series

High Performance Gasoline Engine Oil

Product Description

Hanasaki API SL Series of engine oils are high performance engine oils formulated with highly refined baseoils and advanced additive technology to provide enhanced engine performance and excellent protection in all passenger cars and light-duty truck engines operating under severe conditions.

Hanasaki API SL Series of engine oil offers the following benefits to users:

- 1) Enhanced engine protection against engine wear and deposit under severe operating conditions
- 2) Strong thermal and oxidation stability resulting in highly stable oil viscosity
- 3) Excellent engine cleanliness and longer engine service life
- 4) Minimizes engine sludge and varnish formation
- 5) Excellent low temperature flow properties
- 6) Good compatibility with engine parts (gasket and seal)

Performance Standards

API SL/CF, ILSAC GF-3 (for 5W-20, 5W-30 and 10W-30 grades only)

Typical Properties

SAE Grade	5W-20	5W-30	10W-30	15W-40	20W-50
Viscosity @ 40°C (ASTM D445) ,cst	49	68	74	118	179
Viscosity @ 100°C (ASTM D445) , cst	8	10.6	10.8	14.7	18.4
Viscosity Index (ASTM 2270)	139	145	134	127	114
Total Base Number (ASTM D2896) , mgKOH/g	7.0	7.0	7.0	7.0	7.0
Pour Point (ASTM D97) , °C	-30	-30	-24	-24	-21
Flash Point (ASTM D92) , °C	220	220	220	230	232
Density @ 30°C (ASTM D4052) , kg/l	0.862	0.861	0.858	0.862	0.871

Health and Safety

Based on available information, this product is not expected to produce adverse effects on health when used for the intended applications and the recommendations provided in the Material Safety Data Sheet (MSDS). MSDS is available upon request through your sales contact at Hanasaki. This product should not be used for purposes other than its intended use. When disposing of used product, please take care to protect the environment.