

MODERN DRIVE SAE 5W20 API SQ ILSAC GF-7A



Description

BENZOL® Modern Drive SAE 5W-20 API SQ is a fully synthetic low friction motor oil of the latest generation recommended for the lubrication of modern gasoline engines. API SQ technology ensures maximum resistance to low-speed pre-ignition (LSPI) events for long service life in modern turbo-charged Gasoline Direct Injection (TGDI) engines. These oils are specifically formulated with advanced additive technology to provide high levels of fuel efficiency and protection over piston deposits, Low-speed Pre-ignition (LSPI), Gasoline Particulate Filter (GPF) contaminants and timing chain wear under severe operations.



Applications

BENZOL® Fully Synthetic SAE 5W-20 oil is particularly recommended for passenger cars, hybrid and gasoline powered high-performance engines equipped with Turbo-charged Gasoline Direct Injection (TGDI) technology.

Specifications and Approvals

API SQ and RC (Resource Conserving), ILSAC GF-7A, Chrysler MS-6395, Fiat 9.55535-CR-1, Ford WSS-M2C960-A1

Technical Specifications

Performance Benefits

- Modern full synthetic formula with ultra-low viscosity.
- Enhanced longer engine durability.
- Outstanding low temperature oil pumpability.
- Excellent piston cleanliness with tightened limits.
- Alleviating timing chain wear, longer oil change frequency.
- Helps to prevent LSPI Phenomenon
- Improved fuel economy and CO₂ reduction.

Product/Part Number

MD05900333	4 x 5	MD05900323	4 x 4
MD05900173	12 x 1	MD05900173	24 x 1
MD05900513	1 x 20	MD05900533	1 x 25
MD05900563	1 x 200	MD05900573	1 x 208
MD05900603	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, kg/L	D-1298	0.844
Viscosity @ 100 °C, cSt	D-445	8.60
Viscosity @ 40 °C, cSt	D-445	46.70
Viscosity index	D-2270	164
Flash Point, °C (COC)	D-92	226
Pour Point, °C	D-97	-45
Foam SEQ.I/II/III	D-892	0/0/0
TBN, mg KOH/g	D-2896	7.0
CCS at -30°C (mPa.s)	D-5293	5200
Sulphated Ash(mass%)	D-874	0.65
Sulphur Content (mass%)	D-4294	0.20
Phosphorus (P) (mass%)	D-5185	0.070
HTHS at 150°C (mPa.s)	D-5481	2.7

HEALTH AND SAFETY

This product is not expected to have adverse health implications when used for its intended application. For detailed information on safe handling of this product, refer to its Material Safety Data Sheet (MSDS). To obtain an MSDS on this or any other **BENZOL®** products, please visit www.benzollubricants.de

