

# MODERN DRIVE SAE 5W40 API SQ



## Description

**BENZOL®** Modern Drive SAE 5W-40 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-40 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), API SP and RC, API SN plus and RC, MB 229.3/229.5, BMW LL-01, VW 502.00/505.00, Porsche A40

## Technical Specifications

## Performance Benefits

- Modern full synthetic technology.
- Enhanced longer engine durability.
- Outstanding low temperature oil pumpability.
- Piston cleanliness control over sludge left behind in your engine.
- Alleviating timing chain wear, longer oil change frequency.
- Helps to prevent LSPI Phenomenon
- Improved fuel economy and CO<sub>2</sub> reduction

## Product/Part Number

MD07900333	4 x 5	MD07900323	4 x 4
MD07900173	12 x 1	MD07900173	24 X 1
MD07900513	1 x 20	MD07900533	1 x 25
MD07900563	1 x 200	MD07900573	1 x 208
MD07900603	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, kg/L	D-1298	0.8650
Viscosity @ 100 °C, cSt	D-445	14.60
Viscosity @ 40 °C, cSt	D-445	90.20
Viscosity index	D-2270	178
Flash Point, °C (COC)	D-92	234
Pour Point, °C	D-97	-39
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	5500
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	3.84

## 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](http://www.benzollubricants.de)

