

MODERN DRIVE SAE 0W20 API SQ ILSAC GF-7A



Description

BENZOL® Modern Drive SAE 0W-20 API SQ is a PAO (Polyalphaolefin) based; 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 0W-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, GM Dexos 1 Gen 3

Technical Specifications

Performance Benefits

- Ultra-Low viscosity, fully synthetic PAO based formula.
- Ensures engine durability via alleviation of timing chain wear.
- Exceptional cold temperature smooth engine start-up.
- High temperature sludge deposits, wear & oxidation control
- Protect post-processing devices with advanced low-SAPs technology.
- Robust solution to protect GDI engines
- Superior fuel economy plus LSPI Protection.
- Contributes over eco-friendly CO₂ emission.

Product/Part Number

MD02900333	4 x 5	MD02900323	4 x 4
MD02900173	12 x 1	MD02900173	24 x 1
MD02900513	1 x 20	MD02900533	1 x 25
MD02900563	1 x 200	MD02900573	1 x 208
MD02900603	1x1000		

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, Kg/L	D-1298	0.8440
Viscosity @ 100 °C, cSt	D-445	8.50
Viscosity @ 40 °C, cSt	D-445	44.35
Viscosity index	D-2270	172
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 -35°C (mPa.s)	D-5293	5600
Sulphated Ash(mass%)	D-874	0.65
Sulphur Content (mass%)	D-4294	0.20
Phosphorus (P) (mass%)	D-5185	0.07
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

