Product Data Sheet

MODERN DRIVE SAE 0W40 API SQ ACEA C3

Description

BENZOL® Modern Drive SAE 0W40 API SQ is a high performance fully synthetic motor oil engineered for turbocharged, direct-injection, and downsized engines. Formulated with advanced additive technology for maximum engine protection and sustained performance. API SQ technology provides maximum LSPI protection for long service life in modern TGDI engines. Its low SAPS formulation safeguards DPF, TWC and catalytic converters, while providing superior protection against engine wear, piston deposits, and timing chain wear under severe operations.



Applications

BENZOL® Fully Synthetic SAE 0W-40 oil is recommended for modern turbocharged gasoline and diesel passenger car engines and light commercial vehicles equipped with Diesel Particulate Filter (DPF)/ Three-Way Catalytic converter (TWC) aftertreatment systems.

Specifications and Approvals

API SQ, ACEA C3, Daimler MB 229.52/ MB 229.51, Fiat 9.55535-S2, GM DexosR, Porsche C40, Renault RN 0710/0700, Volkswagen VW 511 00

Performance Benefits

- High performance fully synthetic formula
- Low-SAPS formula protects DPF, TWC and Catalytic converter
- Strong oxidation, wear and deposit control
- High temperature protection and year-round cold start
- Robust film strength to protect TGDI engines
- Outstanding engine protection plus LSPI Protection
- Balancing after treatment protection

Product/Part Number

MD04907333	4 x 5	MD04907323	4 x 4
MD04907173	12 x 1	MD04907173	24 X 1
MD04907513	1 x 20	MD04907533	1 x 25
MD04907563	1 x 200	MD04907573	1 x 208
MD04907603	1x1000		

Technical Specifications

Tests	Method	Results
Appearance	Visual	Clear & Bright
Water	Hot Plate	Nil
Color	D-1500	L3.0
Density @ 15 °C, kg/L	D-1298	0.8450
Viscosity @ 100 °C, cSt	D-445	15.20
Viscosity @ 40 °C, cSt	D-445	90.25
Viscosity index	D-2270	178
Flash Point, °C (COC)	D-92	230
Pour Point, °C	D-97	-45
Foam SEQ.I/II/III	D-892	0/0/0
TBN, mg KOH/g	D-2896	7.1
CCS at -35°C (mPa.s)	D-5293	5500
Sulphated Ash(mass%)	D-874	0.70
Sulphur Content (mass%)	D-4294	0.20
Phosphorus (P) (mass%)	D-5185	0.07
HTHS @ 150°C, cP	D-5481	3.54

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

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