

STORM S 5W-40

SYNTHETIC PETROL ENGINE OIL

BULWARK STORM S oils are the latest generation multi-grade fully synthetic motor oils suitable for use in modern engines of passenger cars, pick-up and vans including turbocharged engines. The product is manufactured using premium quality synthetic base stocks and advanced technology additive packages to provide best in class anti-wear protection, improved cold start and superior all year-round performance.

BULWARK STORM S 5W-40 oil is recommended for use in gasoline engines of cars from Japanese, American and Korean automakers requiring API SN or SM, ACEA A3/B3, A3/B4 performance.

PERFORMANCE LEVEL

- API SN/SM
- ACEA A3/B3, A3/B4
- MB 229.3
- VW 502.00/505.00
- RN 0700/0710

KEY BENEFITS

- Good anti-oxidation & anti-corrosion properties provide greater protection to the engine components against wear in extreme operating conditions.
- Advanced formulation improves fuel economy.
- Enables easy cold start due to excellent low-temperature properties.
- Reduced high and low temperature deposits formation.
- Advanced acid neutralizing additives increases corrosion protection.

TYPICAL CHARACTERISTICS

Properties	Test Methods	5W-40
Density @ 29.5°C, Kg/m ³	ASTM D4052	0.859
Kinematic Viscosity @ 100°C cSt	ASTM D7042	14.12
Viscosity Index	ASTM D2270	172
Cold Cranking Viscosity at -30°C, mPa.s	ASTM D5293	5890
Borderline Pumping Viscosity at -35°C, mPa.s	ASTM D4684	34,520
Sulphated Ash, %	ASTM D874	1.10
Flash Point, COC, °C	ASTM D92	242
Foam Stability	ASTM D892	
Seq I		0/0
Seq II		0/0
Seq III		0/0
Pour Point, °C	ASTM D97	-42
Total Base Number, mg KOH/g	ASTM D2896B	7.32

PS: The above information is typical data and an indication based on current production. It does not constitute a specification.

STORAGE

All packages should be stored under cover. Where outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and the obliteration of drum markings. Products should not be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet. It is the responsibility of the user to evaluate and use products safely, to assess suitability for the intended application and to comply with all applicable laws and regulations. Material Safety Data Sheets are available for all our products and should be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility is taken by either Bulwark International UK Ltd or its subsidiaries for any damage or injury resulting from abnormal use of the material, from any failure to adhere to recommendations, or from hazards inherent in the nature of the material. All products, services and information supplied are provided under our standard conditions of sale. Please consult our local representative if you require any further information.

Bulwark International UK Ltd, 34 Woodland Road, Sawston, CB22 3DU, United Kingdom. info@bulwarkauto.co.uk