



## **MULTI-GRADE 2 & 3-WHEELER ENGINE OIL**

**BULWARK CLASSIC MC** range oils are standard multi-grade 4T oils suitable for use in older engines of 2 & 3-wheeler vehicles, which includes scooters, motorcycles and 3-wheeler auto rickshaws. The product is manufactured using high quality base stocks and proven additive packages to provide the best anti-wear & clutch protection and all year-round superior performance.

**BULWARK CLASSIC MC 15W-50** oil is recommended for use during all-season operations in gasoline engines of 2 & 3-wheeler vehicles, where API SG/SF/SD/SC/SB performance with one of the above viscosities are specified.

## PERFORMANCE LEVEL

• API SG/SF/SD/SC/SB

## **KEY BENEFITS**

- High anti-oxidation and better dispersant properties
- Minimizes wear and noise level (especially in older and worn engines) during extreme operational conditions.
- Good protection against corrosion.
- Improved Clutch performance.

## TYPICAL CHARACTERISTICS

Properties	Test Methods	15W-50
Density @ 29.5°C, Kg/m3	ASTM D4052	0.882
Kinematic Viscosity @ 100°C cSt	ASTM D7042	13.90
Viscosity Index	ASTM D2270	130
Cold Cranking Viscosity, mPa-s	ASTM D5293	6480 at -20°C
Borderline Pumping Viscosity, mPa-s	ASTM D4684	48,800 at -25°C
Sulphated Ash, %	ASTM D874	1.25
Flash Point, COC, °C	ASTM D92	244
Foam Stability	ASTM D892	
Seq I		0/0
Seq II		0/0
Seq III		0/0
Pour Point, °C	ASTM D97	-33
Total Base Number, mg KOH/g	ASTM D2896B	6.20

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.