COMMANDER
0W-20

FULLY SYNTHETIC
LOW VISCOSITY & EXTRA FUEL EFFICIENT
PETROL ENGINE OIL

BULWARK COMMANDER oils are fully synthetic, multi-grade Low Viscosity Extra Fuel Efficient (LVEFE) motor oils engineered to meet the requirements of ultra-modern downsized and hybrid engines seeking high performance and additional protection benefits. The product is intended for use in modern engines of passenger cars, pick-ups and light trucks including turbocharged & supercharged engines, which require LVEFE category oils.

BULWARK COMMANDER 0W-20 oil is manufactured using high-quality synthetic base stocks and technologically advanced premium additive packages. Recommended for use in all-season operations, especially gasoline engines of cars from European, American, Japanese and other Asian manufacturers, which require oils with performance levels API SP/RC (Resource Conserving) and SAE 0W-20 viscosity.

PERFORMANCE LEVEL

- API SP / SP Plus
- ILSAC GF-6A

KEY BENEFITS

- Excellent fuel economy benefits.
- Protection after treatment systems and extends oil drain intervals.
- Ultra-low viscosity together with special additives, makes cold engine starts easier
- Unique formulation demonstrates robustness specific to low speed premature ignition prevention.

TYPICAL CHARACTERISTICS

Properties	Test Methods	0W-20
Density @ 29.5°C, Kg/m3	ASTM D4052	0.851
Kinematic Viscosity @ 100°C cSt	ASTM D7042	8.12
Viscosity Index	ASTM D2270	154
Cold Cranking Viscosity, mPa-s	ASTM D5293	3980 at -35°C
Borderline Pumping Viscosity, mPa-s	ASTM D4684	12,300 at -40°C
Sulphated Ash, %	ASTM D874	0.80
Flash Point, COC, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-54
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.

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