

# COMMANDER PLUS 0W-16 SP

**PREMIUM FULLY SYNTHETIC  
ULTRA LOW VISCOSITY & FUEL EFFICIENT  
PETROL ENGINE OIL**

**BULWARK COMMANDER PLUS** oil is premium fully synthetic, multi-grade Ultra Low Viscosity Fuel Efficient (ULVFE) motor oil engineered to meet the requirements of ultra-modern «downsized» engines equipped with Stop & Start technologies and hybrid engines which require very low viscous engine oils and 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 ULVFE category oils.

**BULWARK COMMANDER PLUS SAE 0W-16** oil is manufactured using high-quality synthetic base stocks, premium and technologically advanced 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 API SP performance levels in SAE 0W-16

## PERFORMANCE LEVEL\*

- API SP/RC
- ILSAC GF-6B

## KEY BENEFITS

- Engine protection and cleanliness in severe urban driving conditions.
- Protection after treatment systems and reduces NOx, HC and CO in particular.
- Ultra-low viscosity together with special additives, makes cold engine starts easier
- Unique formulation demonstrates robustness specific to low speed premature ignition prevention.
- Excellent fuel economy benefits

## TYPICAL CHARACTERISTICS\*\*

Properties	Test Methods	0W-16
Density @ 29.5°C, Kg/m3	ASTM D4052	0.848
Kinematic Viscosity @ 100°C cSt	ASTM D7042	7.32
Viscosity Index	ASTM D2270	168
Cold Cranking Viscosity at -35°C, mPa.s	ASTM D5293	3,560
Borderline Pumping Viscosity at -40°C, mPa.s	ASTM D4684	10,950
Sulphated Ash, %	ASTM D874	0.82
Flash Point, COC, °C	ASTM D92	232
Pour Point, °C	ASTM D97	-54
Total Base Number, mg KOH/g	ASTM D2896B	7.52

\* Performance levels indicated may include licensed API specs or specs that our products meet or exceed

\*\* Typical Characteristics are typical values. Minor variations within the permissible tolerance limits maybe expected on the final product.

## 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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