

# HERCULES LPG 20W-50

## LPG GAS ENGINE OIL

**BULWARK HERCULES LPG** oils are gas engine lubricants designed for light and medium duty commercial vehicles running on LPG as fuel. Made from hydrocracked base stocks and advanced additive packages for gas engines, these oils resist wear under extreme operating conditions. Their high viscosity provides additional protection against wear during start-stop mode and operating under high temperature conditions.

**BULWARK HERCULES LPG** oils are suitable for use on gas fueled engines (LPG and Petrol), which include passenger cars and light commercial vehicles. They can be also used on four-stroke gasoline engines of portable power generators where a conventional passenger car motor oils are specified.

### PERFORMANCE LEVEL\*

- API SL/CF-4
- ACEA E2-96; MB 228.1

### KEY BENEFITS

- Single oil for fleet owners with dual fuel - LPG and gasoline engine vehicles
- Special additives and ashless dispersants provide longer oil service life
- Excellent oxidation resistance protects the engine from valve deposits.
- Excellent thermal stability provides protection for older and high mileage vehicles

### TYPICAL CHARACTERISTICS\*\*

Properties	Test Methods	CNG 20W-50
Density @ 15°C, Kg/m <sup>3</sup>	ASTM D4052	0.8897
Kinematic Viscosity @ 100°C cSt	ASTM D7042	18.95
Kinematic Viscosity @ 40°C cSt Viscosity Index	ASTM D7042	172.6
Viscosity Index (min)	ASTM D2270	124
Flash Point, COC, °C (min)	ASTM D92	248
Pour Point °C (max)	ASTM D97	-24
TBN Mg KOH/g	ASTM D2896	7.80
CCS @ -15°C, m.Pa.S	ASTM D5293	8650

\* 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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Bulwark International UK Ltd, 34 Woodland Road, Sawston, CB22 3DU, United Kingdom. [info@bulwarkauto.co.uk](mailto:info@bulwarkauto.co.uk)