

HERCULES LD 15W-40

SYNTHETIC TECHNOLOGY LONG DRAIN DIESEL ENGINE OIL (SHPD)

BULWARK HERCULES LD oils are synthetic technology blend, high performance, heavy duty commercial vehicle engine oils specifically formulated for use in Diesel engines fitted with EGR systems and turbochargers. They provide superior lubrication performance, excellent protection in challenging operating environments and offer lower oil consumption benefits through extended drain interval.

BULWARK HERCULES LD 15W-40 oils are especially suitable for use on heavy duty long-haul trucks, buses and off-highway and stationary equipment used in mining, construction and similar extreme heavy-duty applications, where an API CI-4 or CI-4 Plus level performance is required.

PERFORMANCE LEVEL*

- API CI-4 / CI-4 PLUS/SL
- ACEA E4, E7-16; ACEA A3/B3, A3B4-16
- MB 228.5; 228.3; 229.1; VOLVO VDS 3; RLD-2; MTU Type 2
- MAN M3275; DETROIT DDC93K215; MACK EO-N
- CUMMINS CES 20076/77/78; DEUTZ DQC III - 18
- CAT ECF-1a, ECF-2; JASO DH-1; GLOBAL DHD-1

KEY BENEFITS

- High level of detergency provides excellent piston & engine cleanliness.
- Provides extended drain interval with lower rate of oil consumption.
- Better deposit control due to low ash technology.

TYPICAL CHARACTERISTICS**

Properties	Test Methods	15W-40
Density @ 15°C, Kg/m ³	ASTM D4052	0.875
Kinematic Viscosity @ 100°C cSt	ASTM D7042	13.85
Kinematic Viscosity @ 40°C cSt Viscosity Index	ASTM D7042	100.1
Viscosity Index (min)	ASTM D2270	140
Flash Point, COC, °C (min)	ASTM D92	234
Pour Point °C (max)	ASTM D97	-36
TBN Mg KOH/g	ASTM D2896	11.0
CCS @-20°C, m.Pa.S	ASTM D5293	5600

* 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