

# HERCULES MULTI 20W-50

## MULTI-GRADE DIESEL ENGINE OIL

**BULWARK HERCULES MULTI** series oils are superior multi-grade diesel engine oils specially designed to lubricate a wide range of 4-stroke naturally aspirated and turbocharged diesel engines requiring API CF-4 or lower performance requirements usually older fleet of light, medium and heavy-duty commercial vehicles.

**BULWARK HERCULES MULTI 20W-50** oil is manufactured using superior hydrocracked mineral base stocks and high-performance additives to provide excellent anti-oxidation, anti-wear properties and reliable all year-round performance. Recommended for use in older generation diesel engines which are widely used on road transport and off-road equipment.

### PERFORMANCE LEVEL

- API CF-4, CF
- MB 228.1

### KEY BENEFITS

- High anti-oxidation and dispersant properties
- Reduced oil consumption, wear and noise level (in older high mileage and worn engines) during severe operation conditions.
- Excellent protection against wear & corrosion.

### TYPICAL CHARACTERISTICS

Properties	Test Methods	20W-50
Density @ 29.5°C, Kg/m <sup>3</sup>	ASTM D4052	0.892
Kinematic Viscosity @ 100°C cSt	ASTM D7042	18.90
Viscosity Index	ASTM D2270	127
Cold Cranking Viscosity, mPa-s	ASTM D5293	8850 at -15°C
Borderline Pumping Viscosity, mPa-s	ASTM D4684	42,800 at -20°C
Sulphated Ash, %	ASTM D874	1.30
Flash Point, COC, °C	ASTM D92	252
Foam Stability	ASTM D892	
Seq I		0/0
Seq II		0/0
Seq III		0/0
Pour Point, °C	ASTM D97	-27
Total Base Number, mg KOH/g	ASTM D2896B	10.1

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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