



## MC 5070

### CYLINDER OIL API CF

Black Bulls MC 5070 Cylinder oil is a premium quality, extra high performance, marine diesel engine cylinder oil. It is specially developed for use in heavy duty slow speed cross-head diesel engines. It has an optimum viscosity of over 20+ cSt. at 100°C and low volatility with high alkalinity level to ensure excellent lubricant distribution and oil film retention. Black Bulls 5070 Cylinder has demonstrated outstanding ring and liner protection and cleanliness under sustained operation with fuel content of 3% unit of Sulphur levels.

#### Typical Properties

PROPERTY	TEST METHOD	TYPICAL VALUES
<b>SAE Grade</b>		<b>50</b>
Specific Gravity at 15°C	ASTM D 1298	0.9046
Flash Point, °C,	ASTM D 92	256
Pour Point, °C,	ASTM D 97	-9
cSt, at 40 °C	ASTM D 445	Reports
cSt, at 100 °C	ASTM D 445	20.55
Viscosity Index,	ASTM D 2270	96
TBN, mg KOH/g,	ASTM D 2896	70

#### Features and Benefits

- Extend engine life.
- Prevent scuffing and scoring of engine parts
- Excellent thermal and oxidation stability can lead to reduced deposits and sludge formation. Cleaner engines can lead to reduced component wear rates.
- Exceptional anti-wear properties lead to potentially reduced liner and ring wear and excellent anti-scuffing control.
- Outstanding detergency capability leads to potentially cleaner pistons and liners and can help extend periods between overhauls.

#### Applications

- All two-stroke engines, running on high Sulphur residual fuels.

