



SYS 30

SYSTEM OIL API CF/CD

BLACK BULLS **SYS 30** system oils have been specifically designed for the lubrication of slow speed two-stroke crosshead diesel engines. It is to help you optimize the overall viscosity of your system oil when topping up. **SYS 30** is blended with high quality of premium base oils and advance additive technology to give proper and stable performance.

Performance Profile: *Meets and exceeds*

MAN Diesel and Turbo, Wartsila, Mitsubishi

Typical Properties

PROPERTY	TEST METHOD	TYPICAL VALUES
SAE Grade		30
Specific Gravity at 15°C	ASTM D 1298	0.8750
Flash Point, °C,	ASTM D 92	236
Pour Point, °C,	ASTM D 97	-12
cSt, at 40 °C	ASTM D 445	Reports
cSt, at 100 °C	ASTM D 445	10.5
Viscosity Index,	ASTM D 2270	105
TBN, mg KOH/g,	ASTM D 2896	6

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 over hauls.

Applications

- Lubrication of two-stroke engines' crankshaft, oil cooled pistons and shaft bearings

Specifications and Approvals

- SYS 30 has been developed to cover the requirement of OEMs and meet the requirements of MAN Diesel & Turbo, MHI and WinGD (Wärtsilä engines).

