



ATOM CHEMICALS

AC-4858-1

MARINE CYLINDER HIGH BN & SYSTEM OIL

AC-4858-1 is a straight high-performance marine cylinder lubricant additive for high BN value slow speed marine engines.

Application

It has been designed to formulate cylinder lubricants for use in the latest generation of slow speed marine and power generation engines operating at very high thermal and mechanical loads and in slow steaming operation. It is equally suitable for use in older technology two stroke marine engines.

Recommended Dosage

Cylinder Lubricant (MCL)

BN, mg KOH/g	55	70	85	100
AC-4858-1	17	22	26.5	31

The combination of AC-4858-1 and AC-48000 can be used to formulate system oil with good extreme pressure performance needed in bearings and gear train of low speed two stroke engines

System Oil

BN, mg KOH/g	5	6	7	8
AC 48000, m%	1.5	1.5	1.5	1.5
AC 4858-1, m%	1.6	1.9	2.2	2.5



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Typical Characteristics.

Characteristics	Typical Value
Appearance	Brown Viscous Liquid
Density @ 15°C, g/cu.cm	1.129
Viscosity @ 100°C, cSt	95
Flash Point, COC, °C	230
Pour Point, °C	-18
Calcium, % weight	12.11
Nitrogen, % weight	0.014
Sulfur, % weight	2.36
TBN, mg KOH/gm	324

Storage & Handling.

Recommended maximum blending temperature is 60°C. For best results in blending, add first VI Improver and then DDI packages.

Packaging.

200 Ltr drum
Bulk ISO



Progress to Zero Emissions