



VENOM MARINE 3012 & 4012

PRODUCT DESCRIPTION:

Venom Marine 3012 and 4012 are advanced trunk piston engine oils for medium-speed marine and industrial-type trunk piston engines operating on low Sulphur distillate fuel (Sulphur up to 1.0%). They are engineered using solvent-refined high viscosity index paraffin mineral base stocks with an advanced additive system that provides effective alkalinity, wear resistance, detergency, and dispersancy.

APPLICATION:

Recommended for crankcase lubrication in medium-speed marine type diesel engines. They also be used to separate bearing lubrication and piston cooling of large crosshead type engine under severe service conditions at appropriate viscosity grades.

FEATURES & BENEFITS:

- Improved anti wear properties, reduces ring & liner wear
- Reduces port and under crown deposits
- Cleaner engine operation
- Increased protection against cylinder and bearing wear
- Outstanding thermal & oxidation stability extend periods between inspection & overhauling
- Controls black sludge therefore increases oil filter life and reduces cleaning frequencies
- Excellent TBN retention with low oil consumption

PERFORMANCE STANDARDS: Meets and Exceeds:

- API CF

MEETS OEMs

- MAN
- Wartsila
- Daihatsu
- Mak / Caterpillar
- Yanmar

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	Marine 3012	Marine 4012
SAE Grade			30	40
Kinematic Viscosity @ 104°F/40°C	ASTM D-445	cSt	TBR	TBR
Kinematic Viscosity @ 212°F/100°C	ASTM D-445	cSt	11.0	14.5
Viscosity Index	ASTM D-2270	-	95	95
Density @60°F	ASTM D-4052	g/cm3	TBR	TBR
Flash Point (min)	ASTM D-92	°C	220	220
Pour Point (max)	ASTM D-97	°C	-9	-9
TBN	ASTM D-2896	Mg KOH/g	12	12

DISCLAIMER:

The test data mentioned above is not a definitive specification but serves as an indication and may fluctuate within acceptable production tolerances. Venom retains the right to alter this test data. Any updated information will replace previous versions, so please consult the latest Technical Data Sheet (TDS).

HEALTH & SAFETY, ENVIRONMENT:

Extended and repeated exposure to oil can lead to skin conditions. Please avoid contact. If you do come into contact with oil, wash the affected area immediately with soap and water. Do not dispose of used oil down drains or into the environment; instead, take it to an authorized used oil collection point.

HEALTH & SAFETY:

This product is unlikely to pose significant health or safety risks when used properly in the recommended application and with good personal hygiene practices. For more information, please refer to the Safety Data Sheet (SDS), which is available upon request from your local sales office.

PROTECT THE ENVIRONMENT:

Please take used oil to an authorized collection point and adhere to local regulations. Do not discharge it into drains, soil, or water.

STORAGE:

We recommend storing all packages in a covered area. If outdoor storage is necessary, drums should be positioned horizontally to prevent water ingress and protect the markings. Products should never be stored above 60°C or exposed to direct sunlight or freezing temperatures.