



VENOM MCL 25, 40, 50, 70, 100

PRODUCT DESCRIPTION:

Venom MCL is a range of alkaline marine cylinder lubricants for all low speed marine two stroke diesel engines, including low Sulphur applications, highly rated large bore engines and engines at optimized feed rates.

APPLICATION:

Venom MCL is a range of high quality cylinder lubricants for low speed marine diesel crosshead engines running on residual fuel. The total alkaline content of the cylinder lubricant has to match the Sulphur content in the fuel and it might be necessary to adjust feed rate accordingly. Venom MCL 25 is used for slow-speed engines running on ECA fuels below 0.1% Sulphur. Venom MCL 40 & 50 is optimized for low Sulphur fuel with Sulphur content up to <2% wt. Venom MCL 70 & 100 are optimized for fuel with Sulphur content >1.5%.

FEATURES & BENEFITS:

- Excellent thermal and oxidation stability and detergency
- Excellent deposit control
- Allows operation at optimized feed rates
- Excellent Anti-wear properties
- Reduced liner and ring wear
- Extended time between overhauls

MEETS OR EXCEEDS:

- MAN Diesel & Turbo, MHI-MME and Wärtsilä, Mitsubishi Heavy Industries

MEETS OEMs:

- MAN
- Wartsila
- MHI

TYPICAL PROPERTIES:

PARAMETERS	ASTM	UNIT	MCL 25	MCL 40	MCL 50	MCL 70	MCL 100
SAE Grade			50	50	50	50	50
Kinematic Viscosity @ 212°F/100°C	D-445	cSt	TBR	TBR	TBR	TBR	TBR
Viscosity Index	D-2270	-	96	96	96	96	96
Density @60°F/15°C	D-4052	g/cm3	TBR	TBR	TBR	TBR	TBR
Flash Point (min)	D-92	°C	250	250	250	250	250
Pour Point (max)	D-97	°C	-9	-9	-9	-9	-9
TBN	D-2896	Mg KOH/g	25	40	50	70	100

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.