



Marine LCX

Premium Marine Cylinder Oil

Features & benefits

- High alkaline reserve – reduces acidic corrosion
- Contains dispersant additives to keep pistons and cylinders clean
- Reduces oil consumption and wear



Typical results

Test Method	LCX 4050	LCX 7050	LCX 100
SAE GRADE	50	50	50
ASTM COLOR (D1500)	5.0	5.0	5.0
DENSITY @ 15°C (D4052), kg/L	0.92	0.93	0.95
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	227.0 19.5	215.0 19.9	220.1 20.1
VISCOSITY INDEX (D2270)	98	106	106
FLASH POINT (D93), °C	228	193	235
POUR POINT (D97), °C	-9	-9	-
TOTAL BASE NUMBER (TBN) (D2896), mgKOH/g	40	70	100
FUEL SULFUR CONTENT, % wt	≤1.5	0.1 ¹ to 2.0	>0.5

¹ LCX 7050 is only suitable for fuel with sulfur content between 0.1 – 1.0% for short periods

Sizes & order codes

Size	LCX 4050	LCX 7050	LCX 100
1000 L (264 US gal)	F0133360	F0032760	-
Bulk	B0099501	B0036601	B0079001

Marine LCX oils are blended with premium base oils and advanced additives designed to deliver superior protection against corrosive wear and minimize the formation of piston deposits and provide good thermal and oxidative stability.

Marine LCX oils are intended for once-through lubrication of crosshead engine cylinders and are not suitable for the crankcase of trunk piston engines.

Marine LCX 4050 is designed for marine crosshead diesel engines running on low-sulfur fuels, distillate or heavy fuels with sulfur content up to 1.5% and LNG.

Marine LCX 7050 is designed for crosshead two-stroke and slow-speed marine diesel engines that operate on fuels with sulfur content up to 2.0%

Marine LCX 100 is intended for use with the latest super long stroke crosshead engines operating using high sulphur residual fuels.

Marine LCX 4050 and 7050 are recommended for marine engine manufacturers MAN ES category I, Win GD (Wärtsilä) and JEC (MHI).

Marine LCX 100 is recommended for marine engine manufacturers MAN ES category II, Win GD (Wärtsilä) and JEC (MHI).