

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
SAE GRADE	50	50
ASTM COLOR (D1500)	5.0	5.0
DENSITY @ 15°C (D4052), kg/L	0.92	0.93
VISCOSITY (D445) cSt @ 40°C cSt @ 100°C	227.0 19.5	215.0 19.9
VISCOSITY INDEX (D2270)	98	106
FLASH POINT (D93), °C	228	193
POUR POINT (D97), °C	-9	-9
TOTAL BASE NUMBER (TBN) (D2896), mgKOH/g	40	70
FUEL SULFUR CONTENT, % wt	≤1.5	0.1 ¹ to 3.5

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
1000 L (264 US gal)	-	F0032760
Bulk	B0099501	B0032701

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 4050 is blended with high-quality paraffinic base oils and a detergent system that can handle high temperatures and pressures created by modern engines.

Marine LCX 4050 is recommended for marine engine manufacturers MAN ES, WinGD (Wärtsilä) and JEC (MHI).

Marine LCX 7050 is designed for crosshead two-stroke and slow-speed marine diesel engines that operate on residual fuels.

Marine LCX 7050 is blended from top-quality paraffinic base oils, high alkaline detergent, and an effective ashless dispersant.

Marine LCX 7050 is recommended in most manufacturers' crosshead engines under conditions stated in their lubricant recommendation list.

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

Always consult your owner's manual for verification of fluid type and grade!

Supporting data available to demonstrate acceptable performance. Check with Sales Associate for the latest product approvals.

Please note these are typical performance indicators and can change without notice.

This data sheet replaces previous versions prior to Sept 28, 2023.

www.irvingoil.com/lubricants 1.800.574.5823