

DISCRIPTION

MARINE LIFE 15 ZNF is a high-quality zinc-free trunk piston engine oil formulated with premium base oils and advanced ash-controlled additive technology. It provides reliable lubrication, excellent engine cleanliness, and effective alkalinity reserve to neutralize acidic combustion by-products in marine diesel engines operating under normal service conditions.

MARINE LIFE 15 ZNF is a premium zinc-free marine lubricant specifically developed for trunk piston diesel engines used in marine propulsion and auxiliary power systems. The oil is formulated using high-quality base oils and an advanced additive system that provides excellent detergency, oxidation stability, and protection against wear and corrosion.

The balanced alkalinity reserve (BN 15) helps neutralize acidic combustion products formed during engine operation, reducing corrosion and extending engine component life. Its zinc-free formulation helps minimize ash deposits and improves piston cleanliness, which is particularly beneficial for engines sensitive to metallic ash formation.

APPLICATION

Marine Life 15 ZNF is recommended for use in

- Trunk piston marine diesel engines
- Marine propulsion engines operating on low sulfur distillate fuels
- Auxiliary marine engines and onboard generators
- Medium-speed and high-speed marine diesel engines
- Fishing vessels, workboats, and coastal vessels
- Marine engines requiring low alkalinity reserve lubricants

BENEFITS

- Zinc-free formulation to minimize metallic ash deposits
- Balanced alkalinity reserve (BN 15) for acid neutralization
- Excellent engine cleanliness and deposit control
- Reliable protection against wear and corrosion
- Good thermal and oxidation stability
- Helps prevent piston deposits and sludge formation
- Supports long engine life and reduced maintenance

MARINE LIFE 15 ZNF
CF-15
SAE 40

PRODUCT DATA SHEET



Performance

API CF

AVAILABILITY

SAE Grades 30, 40 and 50

Packaging: 1Q,1L,4Q, 4L,5Q, 5L, 18L, 20L, 25L, Drums, IBC.

Specification

Test Parameter	Units	Test Limits	Test Method
SAE Grade		SAE 40	-
Appearance	-	C&B	Visual
Density @ 15°C	g/cm ³	0.875	ASTM D-4052
Viscosity @ 40°C	cSt	145	ASTM D-445
Viscosity @ 100°C	cSt	12.5 – 16.3	ASTM D-445
Viscosity Index,min.	-	110	ASTM D- 2270
Flash Point(COC), min.	°C	230	ASTM D-92
Pour Point,max.	°C	-18	ASTM D-97
Base Number, min.	mg KOH/g	15	ASTM D-2896
CODE		708/2	

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