

## DISCRIPTION

**MARINE LIFE 50** is a high-performance marine diesel engine oil developed for medium-speed trunk piston engines operating on heavy fuel oil or distillate fuels. It provides excellent engine cleanliness, strong acid neutralization, and reliable protection against wear, rust, and corrosion in demanding marine environments.

**MARINE LIFE 50** is a premium quality marine diesel engine lubricant formulated with highly refined base oils and advanced additive technology to deliver superior performance in marine diesel engines.

The high alkalinity reserve (TBN 50) provides effective neutralization of acidic combustion by-products generated from high sulfur marine fuels. Its strong detergency and dispersancy properties help maintain engine cleanliness by preventing deposits, sludge formation, and piston ring sticking.

Marine Life 50 offers excellent oxidation stability, thermal stability, and wear protection, ensuring reliable lubrication and long engine life under severe marine operating conditions. It is designed to provide stable performance in trunk piston engines used in marine propulsion and auxiliary equipment.

## APPLICATION

**Marine Life 50** is recommended for use in

- Medium-speed trunk piston marine diesel engines
- Marine propulsion engines operating on heavy fuel oil or blended fuels
- Auxiliary marine engines and onboard power generators
- Fishing vessels, cargo ships, ferries, and commercial marine equipment
- Marine engines requiring API CF performance level

## BENEFITS

- High alkalinity reserve (TBN 50) for acid neutralization
- Excellent engine cleanliness and deposit control
- Strong protection against wear, rust, and corrosion
- High resistance to oxidation and thermal degradation
- Helps prevent piston deposits and ring sticking
- Extends engine life and reduces maintenance costs
- Reliable lubrication under severe marine operating conditions

MARINE LIFE 50  
SAE 30  
CF-50

## 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 30	-
Appearance	-	C&B	Visual
Density @ 15°C	g/cm <sup>3</sup>	0.867	ASTM D-4052
Viscosity @ 40°C	cSt	105	ASTM D-445
Viscosity @ 100°C	cSt	9.3 – 12.5	ASTM D-445
Viscosity Index,min.	-	110	ASTM D- 2270
Flash Point(COC), min.	°C	230	ASTM D-92
Pour Point,max.	°C	-22	ASTM D-97
Base Number, min.	mg KOH/g	50	ASTM D-2896
CODE		701/1	-

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