TECHNICAL DATA SHEET

CIIFROL EURO MARINE SAE 15W 40

High Performance Diesel Engine Oil – API CI4

DESCRIPTION

Ciifrol Euro Marine SAE 15W-40 is very high performance diesel engine oil specially formulated for use in Marine Engines operating under humid and salty conditions. These oils are formulated with advanced additive technology to provide outstanding wear protection, soot control and bearing corrosion protection to meet API CI-4 Specification. Outstanding soot dispersancy protects against abrasive wear and soot-induced oil thickening and ensures good low-temperature pumpability even with soot-laden oil. High dispersancy-detergency and a high alkaline reserve (TBN) provide extra protection in extended drain or severe service intervals in Marine Diesel Engines.

PERFORMANCE STANDARDS

Ciifrol Euro Marine SAE 15W-40 provides excellent service in all the latest generation four stroke diesel engines used in Marine applications. The superior additive technology provides quicker water separation and also ensures protection of engine parts from rust in salty and humid conditions generally encountered in fishing trawlers and small and medium sized marine boats and vessels running on High Speed Diesel

API CI-4/CH-4/SL/ SJ, ACEA E5/E7 and Volvo VDS-3, Mack EO-M+ ACEA E7-08, MB 228.2/3, MTU Type 2, MAN M3275, Renault RLD-2 & CES 20076/78

KEY FEATURES AND BENEFITS

- Excellent detergency dispersancy characteristics reduce carbon deposits
- Very good performance in Marine applications.
- Extremely good soot handling capacity.
- Better engine protection and durability.
- Improved all round performance.

APPLICATIONS

- Fishing Trawlers

Its superior additive technology and balanced formulation allows running on virtually all types of Diesel engines in the Marine applications

- Motor Boats

Is ideally suited for the stop-start service found in Motor boats used in Amusements parks and rescue operations such as coast guards.

TYPICAL / CONTROL PROPERTIES

S. NO.	CHARACTERISTICS	UNIT	CONTROL LIMIT
1.	Appearance	—	Clear & Bright
2.	Sp. Density at 29.5° C	-	To Report
3.	Colour	-	Natural
4.	K. Viscosity @ 40° C	CST	To report
5.	K. Viscosity @ 100° C	CST	14.5-15.5
6.	Viscosity Index	-	135 min
7.	Flash Point COC	Deg C	200 min
8.	Pour Point	Deg C	-24 max
9.	TBN	mg KOH/gm	9.5-12.5

The information provided in this Technical Data Sheet is based on our best knowledge and experience and is intended as a general guide. The technical data represents typical values and may vary depending on product batches, operating conditions and application methods.

Users are advised to refer to the latest Technical Data Sheet and Safety Data Sheet (SDS) for applicable product information.

Users are advised to evaluate the product for suitability for their specific application and to follow recommended handling, storage and safety practices. CIIFROL accepts no responsibility for any loss, damage or injury resulting from improper, unintended or abnormal use of the product or conditions beyond its reasonable control.

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