TECHNICAL DATA SHEET

CIIFROL EURO 3 SAE 20W 40

High Performance Diesel Engine Oil – API CF4

DESCRIPTION

Ciifrol Euro 3 SAE 20W-40 is a premium quality, commercial multipurpose diesel engine oil meeting API CF4 Specification. The oil is designed to endure the most severe performance requirements of modern, highly rated turbo charged diesel engines in the on-highway and also off highway operations. The specialised additives in the oil provide protection against high temperature engine deposits, oil degradation, oil thickening and corrosion resistance. This oil has excellent shear stability to maintain viscosity under severe, high temperature operations.

PERFORMANCE STANDARDS

Ciifrol Euro 3 SAE 20W 40 is recommended for new generation commercial diesel vehicles of both American and European design requiring SAE 20W-40 viscometrics and API CF4 Performance standards.

API CF-4/SG, MB 228.1, MACK EO-K2, MAN 271, VOLVO VDS, ALLISON C4 and CUMMINS CES 200076

KEY FEATURES AND BENEFITS

- Excellent engine cleanliness and prolonged engine protection.
- Reduced engine scuffing and bore polishing.
- Maximum protection from wear and deposits.
- Excellent all weather performance due to improved cold weather properties.
- Catalytic Converter compatible.
- Better engine protection and durability.
- Improved all round performance.

APPLICATIONS

- On Highway Trucks and Buses

Its superior additive technology and balanced formulation allows running on virtually all types of engines in the on-highway application.

- Agricultural Equipment

Is ideally suited for the stop-start service found in agricultural operation and protects against bearing wear and deposit formation even under these severe conditions.

- Heavy Earth Moving Machinery

Is recommended for most Heavy Earth Moving Machinery engines types found in construction and mining equipment.

TYPICAL / CONTROL PROPERTIES

S. NO.	CHARACTERISTICS	ASTM	UNIT	CONTROL LIMIT
1.	Appearance	—	—	Clear & Bright
2.	Sp. Density at 29.5° C	D-1298	-	To Report
3.	Colour	D-1500	-	Natural
4.	K. Viscosity @ 40° C	D-445	CST	To report
5.	K. Viscosity @ 100° C	D-445	CST	14.0-15.5
6.	Viscosity Index	D-2270	-	115 min
7.	Flash Point COC	D-92	Deg C	200 min
8.	Pour Point	D-97	Deg C	-21 max
9.	TBN	D-2896	mg KOH/gm	8 - 10

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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