TECHNICAL DATA SHEET

CIIFROL MULTI HD SAE 20W 40

High Performance Diesel Engine Oil – API CF

DESCRIPTION

Ciifrol Multi HD SAE 20W 40 is a Heavy Duty Multigrade engine oil blended from highly refined base stocks and balanced additive package containing shear stable VI improver, metallic detergent dispersant and anti-oxidant. These oils are red in colour and are formulated to meet lubrication requirements of both gasoline and diesel engines.

PERFORMANCE STANDARDS

Ciifrol Multi HD SAE 20W-40 are recommended for Modern passenger cars, Naturally aspirated diesel engines operating under severe conditions, Supercharged diesel engines and Vehicles encountering continuous start-stop operation. This product can also be used for Light and Medium commercial vehicles Requiring API CF Specification and also gasoline cars requiring API SF specifications.

API CF / SF

KEY FEATURES AND BENEFITS

- Superior oxidation stability, dispersancy characteristics and energy efficiency.
- Excellent sludge control and extra wear protection at high temperatures and severe operating conditions.
- Outstanding overall engine cleanliness and also provides long engine life.

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	-	Red
4.	K. Viscosity @ 40° C	D-445	CST	To report
5.	K. Viscosity @ 100° C	D-445	CST	13.5-15.5
6.	Viscosity Index	D-2270	-	110 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 in gm	6.5-8.5

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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