TECHNICAL DATA SHEET

CIIFROL PULSE 4T SAE 20W 50

Advanced Multigrade Four-Stroke Motorcycle Engine Oil

DESCRIPTION

Pulse 4T SAE 20W 50 is advanced four-stroke motorcycle engine oil. This product helps to provide an outstanding level of performance in today's high performance motorcycles. It will help keep 4-stroke engines running clean, protecting even in extreme operating conditions.

PERFORMANCE STANDARDS

- API-SL
- JASO MA-2

KEY PERFORMANCE FEATURES AND BENEFITS

Pulse 4T SAE 20W 50 combines high performance base stocks and a precisely balanced component system to help provide outstanding engine cleanliness, excellent wear protection at high temperatures and highly effective protection from corrosion. Use of Pulse 4T SAE 20W 50 helps to maintain maximum power output due to the inherently strong performance and protection provided by the advanced technology. This specially engineered motorcycle engine oil helps to deliver performance under severe operating conditions in all seasons and driving environments, from mild to severe.

- Provides superior protection from wear deposits.
- Excellent all-weather performance due to improved cold-weather properties.
- Better engine protection and durability, especially for high-output engines.
- Reduces lubrication cost due to reduced oil consumption.
- Excellent wet clutch performance and protection of exhaust and catalyst systems.

APPLICATIONS

- Passenger Cars

Ideally suitable for new-generation imported and Indian passenger cars running on petrol requiring API SM specification and SAE 10W-30 viscometrics.

- Light Duty Diesel Vehicles

These oils are also suitable for use in light-duty vans and trucks running on diesel.

TYPICAL / CONTROL PROPERTIES

S. NO.	CHARACTERISTICS	ASTM	CONTROL LIMIT
1.	Appearance	Visual	Bright & Clear
2.	Sp. Density at 29.5° C	D-1298	To report
3.	Colour	D-1500	L 3.0 max
4.	K. Viscosity @ 40° C (cSt)	D-445	To report
5.	K. Viscosity @ 100° C (cSt)	D-445	16.5 to 18.0
6.	Viscosity Index	D-2270	150 min
7.	Flash Point COC (°C)	D-92	200 min
8.	Pour Point (°C)	D-97	-35 max
9.	TBN (mg/KOH)	D-2896	8.50 to 10.0

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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