



OPTIMUM
LUBRICANTS LIMITED

ISO 9001:2015 CERTIFIED



PRODUCT DATA SHEET (PDS)

ALL FLEET 20W/ 50

DESCRIPTION

All fleet 20W/50 CI-4 /SL is an advanced heavy duty diesel engine oil suitable for use in high speed 4-stroke diesel engines that use a broad range of fuel qualities and is compatible with diesel engines fitted with exhaust gas recirculation (EGR) systems.

APPLICATIONS

- Designed for use in severe conditions for high speed, four stroke both naturally aspirated, turbo charged diesel engines.
- Suitable for the latest electronically controlled diesel engines fitted with EGR and SCR exhaust after treatment systems.
- Used for mixed fleets of both diesel and gasoline engines.
- Commercial road transport.
- Off-highway vehicles and plant.

FEATURES & BENEFITS

- Enhanced protection for two and four cycle diesel engines in the most demanding on-and off-highway service
- Outstanding control of high temperature deposits.
- Helps to reduced engine scuffing and bore polishing due to enhanced high temperature/high shear viscosity retention.
- Helps to improve low temperature sludge control in stop and- go service.
- Easy starting in cold weather conditions.
- Extended TBN quality reserve for long term wears and deposit control.
- Helps to reduce oil consumption due to improved high temperature performance

MEETS PERFORMANCE LEVELS

API CI-4/SL, SL – ACEA E7/A3/B4 MAN M3275, MB 228.3, CAT ECF-1



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PHYSICAL PROPERTIES

Properties	Test Methods	Unit	Typical values
Appearance	Visual		Clear & Bright
SAE Grade			20W/50
Kinematic Viscosity @ 40 °C	ASTM D 445	Cst	112.7
Kinematic Viscosity @ 100 °C	ASTM D 445	Cst	14.6
Viscosity Index	ASTM D 2270		133
Density @ 15 °C	ASTM D 1298	Kg/l	0.885
Base number	ASTMD 2896		11.12
Pour point	ASTM D 97	°C	-28
Flash point COC	ASTM D92	°C	226

HEALTH AND SAFETY

Prolonged and repeated contact with oil may cause skin disorders. In case of skin contact, wash immediately with soap and water. Do not discharge used oils into drains or environment. Dispose to authorized used oil collection point.

NB: Always store on temperatures between -5 to 40 °C



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