



Diesel Engine Oil

Technical Data Sheet



LOCOMOTIVE POWER API CJ-4/SN

MINERAL

PRODUCT DESCRIPTION:

LOCOMOTIVE POWER CJ-4/SN is a premium high-performance non-friction modified mineral engine oil. It contains a combination of high technology additives, including diesel engines including severe applications such as high loads and multi-trailer operations.

APPLICATION:

Recommended for new advanced diesel powered engines in trucks, marine industries, heavy duty construction equipment, mining equipment, farm vehicles, passenger cars, operating under severe conditions and subjected to wide variations in climatic conditions, in all types of on road and off road service. They are also recommended for gasoline engines in pick-up trucks, sport utility vehicles and mixed fleets.

FEATURES & BENEFITS:

- Fights oil thickening due to its unique additive system, it delivers superior viscosity stability, resulting in better fuel efficiency.
- Prevents piston deposits by minimising harmful deposits, resulting in lower oil consumption.
- Fights contaminants, resulting in longer oil drain intervals.
- Prevents wear and corrosion by providing a robust oil film, enhancing the life of critical engine components.
- Formulated with lower levels of Sulphated Ash.
- Phosphorous and Sulphur than conventional oils to maintain the efficiency of exhaust after treatment systems eg. DPF or DPD.
- Fights soot abrasive wear, improving engine power all the way through the oil drain.

PERFORMANCE LEVELS: Meets or Exceeds:

- API CJ-4/SN
- ACEA E9/E11
- DTFR 15B1101
- Caterpillar ECF-3
- MAN M3477
- VOLVO VDS-4
- Renault RLD3
- DDC 93K218
- Mack EO-0 PP
- Cummins CES 20081
- DEUTZ DQC III-18 LA
- FORD WSS-M2C171-F1

TYPICAL PROPERTIES:

PARAMETERS	TEST METHOD	UNIT	LOCOMOTIVE POWER API CJ-4/SN (MINERAL)	
Grade			15W-40	20W-50
Kinematic Viscosity @ 104°F /40°C	ASTM D-7042	cSt	TBR	TBR
Kinematic Viscosity @ 212°F /100°C	ASTM D-7042	cSt	15.2	19.5
Viscosity Index (min)	ASTM D-2270	-	135	120
SP. Gravity @15°C/ 60°F	ASTM D-4052	g/cm ³	TBR	TBR
Flash Point (min)	ASTM D-92	°C	220	220
Pour Point (max)	ASTM D-97	°C	-33	-24

HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil into drains or the environment. Dispose to an authorized used oil collection point. For further Information on safety guidelines please refer to MSDS available on our website Locomotive.com