

### Atlas DIESEL Engine Oil 20W-50 CF-4

MULTIGRADE ENGINE OIL FOR DIESEL ENGINE

#### GENERAL CHARACTERISTICS

Atlas SAE 20W-50 CF-4 motor oil is formulated using a blend of high-quality mineral base oils. These base oils are selected for their ability to provide stable viscosity characteristics, thermal stability, and resistance to oxidation, ensuring reliable lubrication performance in diesel engines.

#### FEATURES AND BENEFITS

- **Enhanced Engine Protection:** Provides robust lubrication that helps minimize wear on engine components, extending engine life and reducing maintenance costs.
- **Optimized Performance in Diverse Conditions:** Offers reliable performance in moderate-duty applications, supporting consistent engine operation and reducing downtime.
- **Compatibility and Versatility:** Designed for use in older diesel engines requiring a heavier viscosity oil, ensuring compatibility with a wide range of engine designs and specifications.
- **Cost-Effective Maintenance:** Helps control oil consumption and reduce the frequency of oil changes, lowering overall maintenance costs. Protects against corrosion and oxidation, reducing the likelihood of engine breakdowns and costly repairs.

#### SPECIFICATIONS

API      CF-4

#### TYPICAL CHARACTERISTICS

Properties	Units	Method	Values
Density @15 °C	Kg/L	ASTM D4052	0.886
Kinematic Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D445	175
Kinematic Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D445	18.8
Viscosity Index	-	ASTM D2270	125
TBN	mg KOH / gm	ASTM D2896	10.3
Pour Point	°C	ASTM D97	-21
Flash Point	°C	ASTM D92	235

The typical characteristics mentioned represent mean values.

#### SAFETY, HEALTH & ENVIRONMENT

Atlas diesel engine oil is unlikely to have any significant health or safety hazard when properly used in recommended application and follow good standards of personal hygiene.

Avoid contact with skin. Use impermeable gloves while handling oil. After skin contact, wash immediately with soap and water.

Take used oil to authorized collection point. Do not discharge used oil in to drain, soil or water.