

## Atlas REDO ECO SAE 20W-50 CF-4

MULTIGRADE ENGINE OIL FOR DIESEL ENGINE

### GENERAL CHARACTERISTICS

Atlas Redo ECO is formulated using **mineral base oil**, a refined crude oil product that offers robust lubrication characteristics. This oil grade provides excellent high-temperature stability and wear protection, essential for heavy-duty diesel engines, particularly older models. The mineral base oil ensures effective oxidation resistance, minimizing sludge and deposit formation under extended operational conditions. While delivers reliable performance in maintaining engine cleanliness and reducing friction in demanding environments.

### FEATURES AND BENEFITS

- ✓ Suitable for high-performance diesel engines, including those with turbochargers.
- ✓ Resists oil breakdown at high temperatures
- ✓ Guards against wear, corrosion, breakdown, extending engine life.
- ✓ Suitable for a variety of heavy-duty diesel engines
- ✓ Reduced high-temperature oil thickening maintains oil condition
- ✓ Prevents sludge and harmful deposits, improving engine performance.

### SPECIFICATIONS

API CF-4, CF/SG

### TYPICAL CHARACTERISTICS

The physical and chemical properties shown in table are average value based on recent production, they are not limiting values. Minor variations which do not affect performance are to be expected in normal manufacture.

Properties	Units	Method	Values
Density @15 °C	Kg/L	ASTM D4052	0.8891
Kinematic Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D445	171.05
Kinematic Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D445	19.01
Viscosity Index	-	ASTM D2270	127
TBN	mg KOH/m	ASTM D2896	10.59
Pour Point	°C	ASTM D97	-27
Flash Point	°C	ASTM D92	245

The typical characteristics mentioned represent mean values.

### SAFETY, HEALTH & ENVIRONMENT

Atlas motor oil is unlikely to have any significant health or safety hazards when properly used in recommended applications and follows 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 an authorized collection point. Do not discharge used oil into drains, soil or water.