

## Atlas Diesel Engine Oil SAE-50 HD

MONOGRADE HEAVY-DUTY DIESEL ENGINE OIL

### GENERAL CHARACTERISTICS

SAE HD 50 is a monograde SAE 50 engine oil for older & classic engines formulated with high quality mineral base oil and modern additives to provide outstanding protection in diesel and petrol engines against wear, corrosion, oil oxidation and sludge.

- SAE HD 50 is primarily designed for use in diesel engines, but it can be used in all engines where the manufacturer specifies SAE 50 monograde engine oil.
- SAE HD 50 is specifically designed for use in naturally aspirated & turbo-charged diesel engines operating under severe on and off highway conditions.
- Formulated with premium base oil & additives to provide ultimate engine protection.
- Low ash formulation minimizes engine and combustion chamber deposits.
- Keeps engine clean & prolongs engine life.

### CUSTOMER BENEFITS

- Improved engine cleanliness.
- Good protection against wear and corrosion.
- Extended intervals between oil drain.
- Low oil consumption.

### SPECIFICATIONS

API HD

### TYPICAL CHARACTERISTICS

Properties	Units	Method	Values
Density @15 °C	Kg/L	ASTM D 4052	0.901
Kinematic Viscosity @40 °C	mm <sup>2</sup> /s	ASTM D445	179.1
Kinematic Viscosity @100 °C	mm <sup>2</sup> /s	ASTM D445	18.9
Viscosity Index	-	ASTM D97	115
TBN	mg KOH / gm	ASTM D2896	5
Pour Point	°C	ASTM D92	-9
Flash Point	°C	ASTM D2896	245

The typical characteristics mentioned represent mean values.

### SAFETY, HEALTH & ENVIRONMENT

Atlas motor 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.