

## **ARES HD 50**

### **DATA SHEET**

#### **Monograde Lubricant for Heavy-Duty Diesel Vehicles**

Monograde lubricant specifically designed for heavy-duty diesel engines. This lubricant is engineered to adapt to various operating requirements, offering excellent protection through its detergent additives. These additives ensure that pistons and engine parts remain clean, which helps prevent wear, deposit formation, and ultimately prolongs engine life while maintaining constant performance.

#### **Applications & Benefits**

- **Versatility:** Suitable for use in a variety of vehicles from major manufacturers across different applications. Always refer to the vehicle's usage and maintenance manual to confirm the required gradation and specifications.
- **Wear Protection:** The continuous engine cleaning action provided by the lubricant reduces wear and tear, extends the life of engine components, and maintains consistent engine performance, thereby reducing maintenance costs.
- **Thermal Stability:** Helps prevent oxidation, ensuring effective piston cleaning while maintaining high performance even in high-temperature environments.
- **Hydraulic Transmissions:** Ares 50 is also compatible with hydraulic transmissions and some pumps that operate continuously under stationary conditions, providing high performance for these applications.

#### **Specifications**

- API CF
- ACEA E2

#### **RECOMMENDATIONS**

- MB 228.0
- MAN 270
- MTU Category 1
- MIL-L 2104 E

\*For further information please contact the Technical Service.



## Chemical-Physical Characteristics

TEST	Method	HD 50
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.885
Viscosity @ 40°C	ASTM D 445	190.0
Viscosity @ 100°C	ASTM D 445	19.0
Viscosity Index - Unit	ASTM D 2270	100
Flash point, °C	ASTM D 92	250
Pour point, °C	ASTM D 97	≤ -21

NOTE: The above values are "typical" for normal production tolerance and do NOT constitute a specification.

## Storage & Health

Store under cover, away from temperatures above 60°C or direct sunlight. Avoid freezing temperatures. No health effects when used properly.

## Environmental Guidelines

Do not discharge lubricant into sewage, soil, or water. Dispose of used lubricant at authorized collection points.