

## **ARES TURBO 20W-50**

### **DATA SHEET**

#### **Multigrade Lubricant for Heavy-Duty Diesel Engines**

High-performance multigrade lubricant designed to provide superior protection and extended engine life for heavy-duty diesel engines. It is engineered for both road and off-road conditions, ensuring optimal performance under diverse driving conditions.

#### **Applications & Benefits**

- **Engine Cleanliness:** The lubricant's balanced formulation of detergent and dispersing additives ensures excellent engine cleanliness, helping to extend the engine's efficiency and lifespan.
- **Wear Protection:** The advanced additive package protects against wear, ensuring the engine operates at peak efficiency and extending its lifecycle. This leads to reduced maintenance costs.
- **High Temperature Protection:** The additives ensure robust protection, even under extreme conditions of high pressure and temperature, providing continuous engine protection.
- **Versatility:** MEGATURBO 15W-40 is suitable for a wide range of applications, including heavy-duty diesel engines, mining and construction equipment, and agricultural machinery where continuous Start & Stop cycles may lead to deposits and wear.

#### **Specifications**

- API CH-4, CG-4, CF-4, CF, API SJ
- ACEA E3

#### **RECOMMENDATIONS**

- DTFR 15B110
- Volvo VDS-2
- MAN M 3275-1
- Mack EO-M, EO-M+
- Renault RLD-2
- MTU Type 2
- DDC 93K215
- Cummins CES 20077
- Caterpillar ECF-1-a
- MIL-L-2104 E
- Suitable for use: Allison C4, Iveco T2 E3

\*For further information please contact the Technical Service.



## Chemical-Physical Characteristics

TEST	Method	20W-50
Density @ 15°C, kg/dm <sup>3</sup>	ASTM D 4052	0.880
Viscosity @ 40°C	ASTM D 445	150.0
Viscosity @ 100°C	ASTM D 445	19.0
Viscosity Index - Unit	ASTM D 2270	140
TBN	ASTM D 97	5.0
Sulfated Ash - % wt	ASTM D 874	1.2
CCS mPa.s at req. low. temperature	ASTM D 5293	9000
Flash point, °C	ASTM D 92	230
Pour point, °C	ASTM D 97	< -27

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.