

COMMERCIAL HEAVY DUTY OIL

**10W-40 UHPD ACEA E9 VDS4.5 CK4**

## Commercial 10W-40 UHPD Heavy Duty Oil ACEA E9 VDS4.5 CK4

Autonoe Part Numbers: **AHD023020** (20L) **AHD023199** (199L) **AHD0231000** (1000L)

### PRODUCT DESCRIPTION

A high-quality part synthetic engine oil that has been designed to meet the lubrication requirements of the modern-day heavy duty diesel engines with strict emission requirements. Incorporating our specialist Adaptive Molecular Technology that has been combined with mid ash technology to optimise the power and efficiency of your vehicle to help maintain peak reliability to ensure maximum performance and emission compliance.

### FEATURES & BENEFITS

Autonoe High Performance ensures outstanding performance in the following areas:

- Excellent oxidation stability.
- Extended service intervals.
- Ideal choice for newer mixed fleet long haul vehicles under
- Euro V and VI emission standards.
- Improved soot dispersancy and engine cleanliness.
- Offers improved wear protection.
- Suitable for engines with or without after treatment devices.

### PERFORMANCE/ SPECIFICATIONS

Recommended by Autonoe as suitable for the following applications:

ACEA E9/E7  
API CK-4/CJ-4  
Caterpillar ECF-3  
Cummins 20086, 20081  
Detroit DDC93K222/K218  
Deutz DQC III-10 LA  
Ford WSS-M2C171-F1  
IVECO 18-1804 TLS E9  
JASO DH-2  
Mack EO-S 4.5  
MAN M3575  
MAT 3521  
Mercedes-Benz 228.31  
MTU Type 2.1  
Renault RLD-4, RLD-3  
Volvo VDS-4.5, VDS-4

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<b>TYPICAL PROPERTIES</b>	Density @ 15°C	<b>ASTM D4052</b>	0.869
	Flash Point (°C)	<b>ASTM D92</b>	210
	Kinematic Viscosity @ 40°C (mm/s <sup>2</sup> )	<b>ASTM D445</b>	93
	Kinematic Viscosity @ 100°C (mm/s <sup>2</sup> )	<b>ASTM D445</b>	13.9
	Pour Point (°C)	<b>ASTM D97</b>	-36
	Total Base Number (mg KOH/g)	<b>ASTM D2896</b>	10.2
	Viscosity Index	<b>ASTM D2207</b>	154

These data are typical of current production, and whilst future production will meet these specifications, some variation in typical data may occur.