



# TECHNICAL DATA SHEET

## AD 15W-40 MF

5 Litre & 20 Litre

### Product Description

AD 15W/40 MF is a wide ranging heavy duty engine oil suitable for use in commercial, agricultural and off-highway applications. The combination of quality additives and superior base oils make this oil suitable for use in both naturally aspirated and turbo charged engine types.

### Recommended for use by AD for the following manufacturer's specifications

ACEA: E7  
API: CF-4, CH-4 & CI-4  
CAT: ECF-1-A & ECF-2  
Cummins: CES 20076, CES 20077 & CES 20078  
Detroit Diesel: 93K215  
Global: DHD-1  
Mack: EO-M+ & EO-N  
MAN: 3275  
MB: 228.3  
MTU Type 2  
Renault Truck: RLD-2  
Volvo: VDS-3  
DEUTZ: DQC III-10



\* Image for illustrative purposes only.

Size	Part No	Barcode
5 Litre	ALD005	5020618202493
20 Litre	ALD020	5020618202509

### Product Benefits

- \*Suitable for both Commercial and Agricultural applications
- \*ideal Multi-fleet users
- \*Superior engine wear protection

### Product Usage

For engines requiring this grade and specification of engine oil

### Directions for Use

Use as per the manufacturers recommendations

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### Storage Instructions

Store sealed and upright in a cool, dry place and out of the reach of children

### Shelf Life

5 years from date of manufacture

Appearance	:	Amber liquid
Odour	:	Characteristic
Solubility	:	Insoluble in water
Percentage of Base Oil	:	80.00%
Percentage of Biodiesel	:	Nil

Test	Method	Unit	Min.	Max.	Typical
Viscosity, Kinematic 100°C	ASTM D445	mm <sup>2</sup> /s	12.5	<16.3	
Viscosity, CCS -20°C	ASTM D4684	mPa.s		7000	
Total Base Number	ASTM D2896	mg KOH/g	10		
Pour Point	ASTM D97	°C		-27	
HTHS Viscosity	ASTM D4683	mPa.s	3.7		
NOACK Volatility	ASTM D5800	%		13	

### Safety Precautions

Please see our latest EC Safety Data Sheets for details.

### Transport Classification

Please see our latest EC Safety Data Sheets for details.

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