



TECHNICAL DATA SHEET

AD-Tec 48 5W-30 C3-ST

1 Litre, 5 Litre & 20 Litre

Product Description

AD-TEC 48 5W-30 C3-ST is a fully Synthetic engine oil specially formulated for certain Stellantis group DV5R & EB2 engine types. The product helps prevent occurrences of LSPI (Low Speed Pre-Ignition) whilst offering excellent engine component protection, emission control and fuel economy. Please check which oil is recommended for the engine type prior to use.

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

ACEA: C3
API: SN Plus
GM: Dexos™ 2
MB: 229.31, 229.51 & 229.52
Stellantis: FPW9.55535/03
PSA: B71 2290 & B71 2297



Size	Part No	Barcode
1 Litre	AST001	5020618203155
5 Litre	AST005	5020618203162
20 Litre	AST020	5020618203179

Product Benefits

- * Excellent Engine Protection
- * Reduces occurrences of LSPI
- * Outstanding emission Control

Product Usage

Use as per engine manufacturers recommendations

Directions for Use

As per the vehicle handbook

Storage Instructions

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

Revision: 2 | Date: 23/06/2025



TECHNICAL DATA SHEET

AD-Tec 48 5W-30 C3-ST

1 Litre, 5 Litre & 20 Litre

Shelf Life

5 years from date of manufacture

Appearance	:	Amber liquid
Odour	:	Characteristic
Solubility	:	Insoluble in water
Percentage of Biodiesel	:	Nil

Test	Method	Unit	Min.	Max.	Typical
Viscosity, Kinematic 100°C	ASTM D445	mm ² /s	11	12.5	12.2
Density	ASTM D792	@ 15°C			0.85
Viscosity, CCS -30°C	ASTM D4684	mPa.s		6600	
Total Base Number	ASTM D2896	mg KOH/g	6		9.5
Pour Point	ASTM D97	°C	-36		
HTHS Viscosity	ASTM D4683	mPa.s	3.5		
NOACK Volatility	ASTM D5800	%		9	
Viscosity, Kinematic 40°C	ASTM D445	mm ² /s	65		72.9
Viscosity Index	ASTM D2270				166

Safety Precautions

Please see our latest EC Safety Data Sheets for details.

Transport Classification

Please see our latest EC Safety Data Sheets for details.

Revision: 2 | Date: 23/06/2025