Product information

PI 42/09/28/2026

Special Tec AA SAE 5W-40 Diesel



Description

Fully synthetic low viscosity premium class motor oil, developed to meet the high demands of modern Asian and American diesel engines. The innovative additive technology guarantees best wear protection and engine cleanliness, lowest oil and fuel consumption and highest engine efficiency. Ideally suited for engines with diesel particulate filters (DPF) and turbochargers. Use with extended oil change intervals as per manufacturer.

Properties

- excellent wear resistance
- optimum stability to aging
- ideal with turbochargers and catalytic converters
- high lubrication reliability
- long engine service life
- excellent high and low temperature behavior
- use with diesel particulate filters
- high engine cleanliness

Specifications / Approvals

ACEA E9 • API CK-4 • Cummins CES 20086 • Ford WSS-M2C 171-F1

LIQUI MOLY recommends this product for vehicles or assemblies for which the following specifications or original spare part numbers are required:

Caterpillar ECF-3 • Chrysler MS-10902 • Cummins CES 20081 • Detroit Diesel DFS 93K222 • Isuzu • JASO DH-2 • Mack EOS-4.5 • MB 228.31 • Mitsubishi • MTU Typ 2.1 • Nissan • Renault Trucks RLD-3 • Toyota • Volvo VDS-4.5

Technical data

SAE class (engine oils)	5W-40 SAE J300
Density at 59 °F	0,855 g/cm³ DIN 51757
Viscosity at 104 °F	86 mm²/s ASTM D 7042-04
Viscosity at 212°F	14,5 mm²/s ASTM D 7042-04
Viscosity at -31 °F (MRV)	< 60000 mPas ASTM D4684
Viscosity at -22 °F (CCS)	<= 6600 mPas ASTM D5293
Viscosity index	175 DIN ISO 2909
HTHS at 302 °F	>= 3,5 mPas ASTM D5481

Technical data

Pour point	-43 °F DIN ISO 3016
Evaporation loss (Noack)	12 % CEC-L-40-A-93
Flash point	446 °F DIN ISO 2592
Total base number	10 mg KOH/g DIN ISO 3771
Sulfate ash	1 g/100g DIN 51575
Color number (ASTM)	L 4,5 DIN ISO 2049

Areas of application

For diesel engines where a motor oil according to current specifications is required or recommended. Tested safe with catalytic converters, diesel particulate filters (DPF) and turbochargers.

Application

Observe the manufacturers instructions!

Available pack sizes

5 l Canister plastic	20426 CAEN-CAFR-USEN
20 l Canister plastic	20424 CAEN-CAFR-USEN
205 l Black plate barrel	22113 CAEN-CAFR-USEN

Our information is based on thorough research and may be considered reliable, although not legally binding.

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr

Phone: +49 (0)731/1420-0
Fax: +49 (0)731/1420-82
e-mail: info@liqui-moly.de

Technical hotline: +49 (0)731/1420-871
www.liqui-moly.com