



Technical Service Bulletin

17 Engine oils that meet Audi Oil Quality Standards 501 01, 502 00, 504 00, 505 00, 505 01, 507 00, 508 00, 509 00

17 17 82 2010043/15 May 10, 2017. Supersedes Technical Service Bulletin Group 17 number 15-57 dated March 6, 2015 for reasons listed below.

Model(s)	Year	VIN Range	Vehicle-Specific Equipment
All	1997 - 2019	All	Not Applicable

Condition

REVISION HISTORY		
Revision	Date	Purpose
15	-	Revised header data (Added MY 2017 - 2019) Revised title (Updated information) Revised <i>Service</i> (Updated table information for MY 2017 - 2019)
14	03/06/2015	Revised header data (Added model years)
13	01/09/2013	Revised <i>Service</i> (MY 2014 R8 V10 info added) Revised header data (Added model year 2014)

This bulletin lists engine oils that meet Audi Oil Quality Standards (VW 501 01, 502 00, 504 00, 505 00, 505 01, 507 00, 508 00, 509 00).

Technical Background

Not applicable.

Production Solution

Not applicable.



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Service

Oil Quality

Audi engines must always use engine oils that conform to the applicable Audi oil quality standard. No other engine oils may be used (this also applies when the engine oil is topped off between services).

Recommendation for Customers

The customer should always have a spare quart of engine oil in case the engine oil needs topping off while on the road. The spare quart of oil should be stored in its original container, securely closed, and stowed in the vehicle luggage compartment.



Note:

Use of the wrong oil may damage the engine. Damage caused when the wrong oil is used will not be covered by the applicable vehicle warranties.

Approved Engine Oils

Below are the lists of engine oils available in North America that currently meet Audi oil quality standards (VW 501 01, 502 00, 504 00, 505 00, 505 01, 507 00, 508 00, 509 00).

See the attached document for a list of engine oils available worldwide.



Note:

Refer to the vehicle owner's manual, applicable technical service bulletins, and fluid capacity charts in order to the select the appropriate oil for the specific vehicle.

PRODUCTS GENERALLY AVAILABLE IN NORTH AMERICA

Audi Oil Quality Standard VW 501 01 and VW 505 00

Audi Oil Quality Standard	Manufacturer	Oil Type	Viscosity
VW 501 01 VW 505 00	Castrol	Edge Part Number: G 0521941LDSP or G 0521942LDSP	SAE 10W-60

Audi Oil Quality Standard VW 508 00 and VW 509 00

Audi Oil Quality Standard	Manufacturer	Oil Type	Viscosity
VW 508 00	Castrol	Edge Long Life IV	SAE 0W-20



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VW 509 00		Part Number: G 0525771LDSP	
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Audi Oil Quality Standard VW 502 00

Audi Oil Quality Standard	Manufacturer	Oil Type	Viscosity
VW 502 00	Castrol	Edge Professional G E521671QDSP	SAE 5W-40
VW 502 00	Agip	Agip synthetic PC	SAE 5W-40
VW 502 00	Blu Lubricants Inc.	Blu Synthetic-Technician Series FS	SAE 5W-30
VW 502 00	Bucher AG	MOTOREX Select LA-X	SAE 5W-30
VW 502 00	Caltex	Caltex Havoline Fully Synthetic	SAE 5W-40
VW 502 00	Castrol	Castrol SLX Professional Longtec	SAE 0W-40
VW 502 00	Castrol	Castrol SLX Professional OE	SAE 5W-30
VW 502 00	Castrol	Castrol Syntec European Formula	SAE 0W-30
VW 502 00	Castrol	Castrol TXT 505 01	SAE 5W-40
VW 502 00	Castrol	Castrol Syntec	SAE 5W-40
VW 502 00	Cepsa	Cepsa Star Mega Synthetic	SAE 5W-40
VW 502 00	Chevron	Havoline Ultra	SAE 5W-40
VW 502 00	Chevron	Havoline Ultra S	SAE 5W-30
VW 502 00	Chevron	Havoline Ultra S	SAE 5W-40
VW 502 00	Delek	Delek Motorsynth FE	SAE 5W-30
VW 502 00	Delek	Delek Motorsynth TDI	SAE 5W-40
VW 502 00	Elf	Elf Excellium Full tec	SAE 0W-30



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VW 502 00	Elf	Elf Solaris LSX	SAE 5W-30
VW 502 00	Fuchs	Fuchs TITAN GT 1	SAE 5W-30
VW 502 00	Fuchs	Fuchs TITAN Supersyn	SAE 5W-40
VW 502 00	Fuchs	Fuchs TITAN Supersyn PLUS	SAE 5W-40
VW 502 00	Fuchs	Titan GT1	SAE 5W-30
VW 502 00	Igol	Process Compact M	SAE 5W-30
VW 502 00	Liqui Moly	Liqui Moly Leichtlauf HC 7	SAE 5W-40
VW 502 00	Liqui Moly	Liqui Moly Profi Premium	SAE 5W-40
VW 502 00	Liqui Moly	Liqui Moly Synthoil Longtime	SAE 0W-30
VW 502 00	Liqui Moly	Liqui Moly Diesel High Tech	SAE 5W-40
VW 502 00	Liqui Moly	Liqui Moly Nachfüll-Öl	SAE 5W-40
VW 502 00	Liqui Moly	Liqui Moly Pro-Engine M 400	SAE 5W-40
VW 502 00	Liqui Moly	Liqui Moly Top Tec 4100	SAE 5W-40
VW 502 00	Lotos	Lotos Quazar	SAE 0W-30
VW 502 00	Lotos	Lotos Quazar	SAE 5W-40
VW 502 00	Lotos	Lotos Quazar	SAE 5W-30
VW 502 00	Meguin	megol Motorenoel Low Emission	SAE 5W-40
VW 502 00	Meguin	megol Motorenoel Super Leichtlauf Multisynth	SAE 0W-30
VW 502 00	Meguin	Motorenoel Ultra Performance Longlife	SAE 5W-40
VW 502 00	Mobil	Mobil 1	SAE 0W-40
VW 502 00	Mobil	Mobil Syst S Special V	SAE 5W-30



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VW 502 00	Motul	Motul 8100 X-cess	SAE 5W-40
VW 502 00	Motul	Motul 8100 X-clean	SAE 5W-40
VW 502 00	Motul	Motul 8100 X-max	SAE 5W-40
VW 502 00	Motul	Motul Specific 505 01 502 00 505 01	SAE 5W-40
VW 502 00	Northland	Synergy Synthetic EuroSyn	SAE 5W-40
VW 502 00	Pennzoil	Pennzoil Platinum European Formula	SAE 5W-40
VW 502 00	Pennzoil	Pennzoil Platinum European Formula Ultra Diesel	SAE 5W-30
VW 502 00	Pennzoil	Pennzoil Platinum Low SAPS	SAE 5W-30
VW 502 00	Pennzoil	Pennzoil Synthetic European Formula	SAE 5W-40
VW 502 00	Pentosin	Pento High Performance	SAE 5W-40
VW 502 00	Pentosin	Pento High Performance II	SAE 5W-40
VW 502 00	Pentosin	Pentospeed VS*	SAE 0W-30
VW 502 00	Pentosin	Pentosynth HC	SAE 5W-40
VW 502 00	Quaker State	Q European Engine Ultra Diesel	SAE 5W-30
VW 502 00	Quaker State	Q Horsepower Full Synthetic	SAE 5W-40
VW 502 00	Quaker State	Q European Formula Ultra	SAE 5W-30
VW 502 00	Quaker State	Q State Synquest Low SAPS	SAE 5W-30
VW 502 00	Redoil Italia	Challoils	SAE 5W-40
VW 502 00	Shell	Shell Helix Ultra	SAE 5W-40
VW 502 00	Shell	Shell Helix Ultra AX	SAE 5W-30



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VW 502 00	SK energy	ZIC RV	SAE 5W-30
VW 502 00	SK energy	ZIC XQ	SAE 5W-40
VW 502 00	SK energy	ZIC XQ RV	SAE 5W-40
VW 502 00	Statoil	Statoil PRO Synthetic C	SAE 5W-40
VW 502 00	Total	Total Quartz 9000 Energy	SAE 5W-40
VW 502 00	Total	Total Quartz 9000 Energy	SAE 0W-30
VW 502 00	Total	Total Quartz INEO MC3	SAE 5W-30
VW 502 00	Valvoline	Valvoline SynPower HST	SAE 5W-40
VW 502 00	Valvoline	Valvoline SynPower MST	SAE 5W-30
VW 502 00	VAPS	Vapsoil	SAE 5W-30

Audi Oil Quality Standard VW 505 01

Audi Oil Quality Standard	Manufacturer	Oil Type	Viscosity
VW 505 01	Castrol	Edge Professional G E521671QDSP	SAE 5W-40
VW 505 01	Blu Lubricants Inc	Blu Synthetic-Technician Series FS	SAE 5W-30
VW 505 01	Bucher AG	MOTOREX Select LA-X	SAE 5W-30
VW 505 01	Castrol	Castrol SLX Professional OE	SAE 5W-30
VW 505 01	Castrol	Castrol TXT 505 01	SAE 5W-40
VW 505 01	Chevron	Havoline Ultra S	SAE 5W-40
VW 505 01	Delek	Delkol Motorsynth TDI	SAE 5W-40
VW 505 01	Elf	Elf Solaris LSX	SAE 5W-30
VW 505 01	Fuchs	Fuchs TITAN Superssyn PLUS	SAE 5W-40
VW 505 01	Liqui Moly	Liqui Moly Diesel High Tec	SAE 5W-40
VW 505 01	Liqui Moly	Liqui Moly Nachfüll-Ölo	SAE 5W-40



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VW 505 01	Liqui Moly	Liqui Moly Pro-Engine M 400	SAE 5W-40
VW 505 01	Liqui Moly	Liqui Moly Top Tec 4100	SAE 5W-40
VW 505 01	Meguin	megol Motorenoel Low Emmission	SAE 5W-40
VW 505 01	Mobil	Mobil Syst S Special V	SAE 5W-30
VW 505 01	Motul	Motul 8100 X-clean	SAE 5W-40
VW 505 01	Motul	Motul Specific 505 01 502 00 505 01	SAE 5W-40
VW 505 01	Pennzoil	Pennzoil Platinum European Ultra Diesel	SAE 5W-30
VW 505 01	Pennzoil	Pennzoil Platinum Low SAPS	SAE 5W-30
VW 505 01	Pentosin	Pento High Performance II	SAE 5W-40
VW 505 01	Pentosin	Pentosynth HC	SAE 5W-40
VW 505 01	Quaker State	Q European Engine Ultra Diesel	SAE 5W-30
VW 505 01	Quaker State	Q Synquest Low SAPS	SAE 5W-30
VW 505 01	Redoil Italia	Challoils Ultrasynt	SAE 5W-40
VW 505 01	Shell	Shell Helix Ultra AX	SAE 5W-30
VW 505 01	Statoil	Statoil PRO Synthetic C	SAE 5W-40
VW 505 01	Total	Total Quartz INEO MC3	SAE 5W-30
VW 505 01	Valvoline	Valvoline SynPower HST	SAE 5W-40
VW 505 01	Valvoline	Valvoline SynPower MST	SAE 5W-30
VW 505 01	VAPS	Vapsoil 505 01	SAE 5W-30
VW 505 01	Lotos	Lotos Quazar C3	SAE 5W-30
VW 505 01	Lotos	Lotos Quazar	SAE 5W-40
VW 505 01	YPF	Elaion Full Performance SM	SAE 5W-40



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VW 505 01	YPF	Elaion Full Performance Tdi	SAE 5W-40
VW 505 01	YPF	Elaion Plus	SAE 5W-40

Audi Oil Quality Standard VW 504 00 / 507 00

Audi Oil Quality Standard	Manufacturer	Oil Type	Viscosity
VW 504 00 / 507 00	Castrol	Edge G 0521951QDSP	SAE 5W-30
VW 504 00 / 507 00	BP	BP Visco 7000 Longlife III	SAE 5W-30
VW 504 00 / 507 00	Castrol	Castrol SLX Professional Longlife III	SAE 5W-30
VW 504 00 / 507 00	Denicol	Denicol SYN Extra Long Life III	SAE 5W-30
VW 504 00 / 507 00	Elf	Elf Solaris LLX	SAE 5W-30
VW 504 00 / 507 00	Liqui Moly	Liqui Moly Pro-Engine M 600	SAE 5W-30
VW 504 00 / 507 00	Liqui Moly	Liqui Moly Top Tec 4200	SAE 5W-30
VW 504 00 / 507 00	Meguin	megol Motorenoel Compatible	SAE 5W-30
VW 504 00 / 507 00	Mobil	Mobil 1 ESP Formula	SAE 5W-30
VW 504 00 / 507 00	Morris Lubricants	Multilife V-MAX	SAE 5W-30
VW 504 00 / 507 00	Pennzoil	Pennzoil Platinum VX	SAE 5W-30
VW 504 00 / 507 00	Pentosin	Pento Super Performance III	SAE 5W-30
VW 504 00 / 507 00	Quaker State	Q Diesel Plus	SAE 5W-30
VW 504 00 / 507 00	Quaker State	Q European Engine VX	SAE 5W-30
VW 504 00 / 507 00	Sinopec	Great Wall Ultra Gold V5457	SAE 5W-30
VW 504 00 / 507 00	Statoil	Statoil LazerWay LL	SAE 5W-30
VW 504 00 / 507 00	Total	Total Quartz Ineo 504/507	SAE 5W-30



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Warranty

This TSB is informational only and not applicable to any Audi Warranty.

Additional Information

All parts and service references provided in this TSB (2010043) are subject to change and/or removal. Always check with your Parts Department and service manuals for the latest information.

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