



AVIA

PRODUCT CATALOGUE





AVIA - A brand with nearly 100 years of history

As an alternative to the international oil companies, several independent oil importers in Switzerland came together in 1927 under the name AVIA. Based on the principle: "Together we are stronger".

Now, after 90 years AVIA currently counts over 3200 petrol in 15 European countries. Moreover, AVIA brand is present in more than 50 countries worldwide with our lubricant distribution network. An annual turnover of the AVIA group amounts to over €20 bln and places AVIA in the TOP 10 of the biggest gas station brands in Europe (including #1 rank in Switzerland, #2 rank in France and #3 in Germany).

AVIA is not just gas stations and lubricants for industry and automotive. AVIA is also a serious player on the wholesale fuel market and a seller of, among others: electricity, gas and heating oil. AVIA invests in the so-called green energy (solar and wind farms) and develops charging stations for electric vehicles.



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AVIA ECOSYNTH Extreme 0W-40

Universal full-synthetic motor oil. Recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans. Its low viscosity enables the application of this motor oil under extreme conditions.

Specifications

ACEA A3/B4; API SN/CF

Recommendations

MB 229.3/226.5; VW 502.00/505.00; Porsche A40; BMW Longlife-01; Renault RN 0700/RN 0710



AVIA ECOSYNTH Extreme R&R 0W-20

A fuel economy, special composed synthetic motor oil recommended for use in petrol engines of passenger cars, which prescribe an oil with the specification GM Dexos 1™ Gen 2.

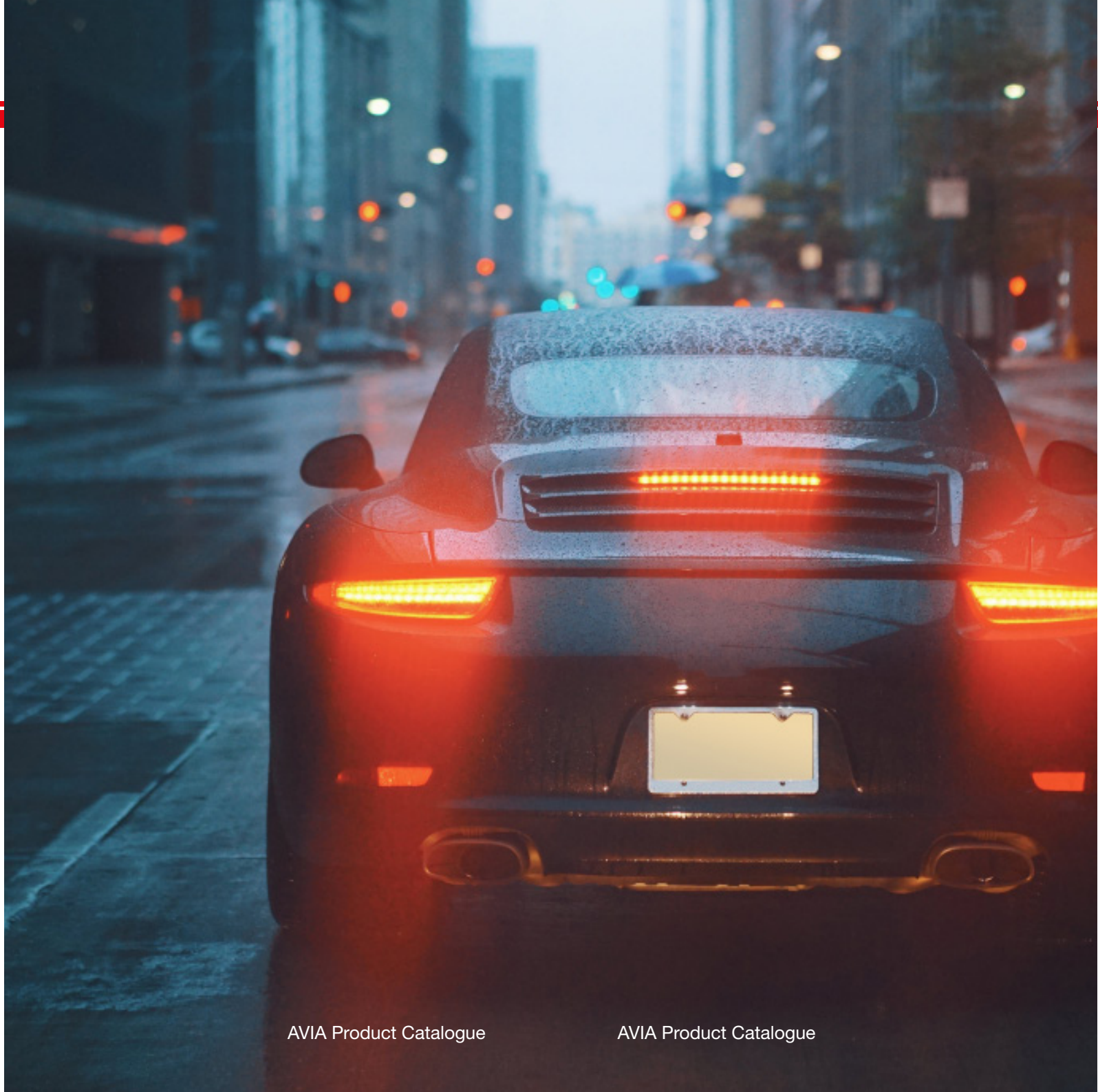
Specifications

ILSAC GF-5; API SN; API SN Plus; API SN Plus Resource Conserving

Recommendations

GM Dexos 1™ Gen 2; Chrysler MS 6395

R&R RACE & RALLY



AVIA ECOSYNTH Extreme HP 0W-30

Universal, synthetic fuel economy, „mid SAPS“ motor oil, recommended for use in petrol and diesel engines, with or without turbocharging, in passenger cars and delivery vans with extended oil drain intervals. Can be applied in vehicles with 3 way catalysts and DPF.

Specifications

ACEA C2, A5/B5; API SN

HP HIGH PERFORMANCE

AVIA ECOSYNTH Extreme UP 0W-40

A universal, special composed synthetic motor oil for use in petrol and diesel engines, with or without turbo-charging, in passenger cars and delivery vans for which the most modern specifications are required.

Specifications

ACEA A3/B4; API SN/CF

Recommendations

MB 229.3/226.5; VW 502.00/505.00; BMW Longlife-01; Porsche A40; Renault RN 0700/0710

UP ULTRA PERFORMANCE





AVIA ECOSYNTH Extreme 10W-60

Universal synthetic motor oil, recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans with the specifications as stated below. Very strong protection against wear, corrosion.

Specifications

ACEA A3/B4; API SN/CF



AVIA ECOSYNTH Extreme F 5W-30

Fuel economy, synthetic motor oil, recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans with the specifications as stated below. Specially developed for those cars, that ask for motor oils that fulfill the recent requirements of the OEM's. Fully backward compatible with Ford M2C 913-A, B and C.

Specifications

ACEA A1/B1; ACEA A5/B5; API SL/CF

Recommendations

Ford WSS-M2C913-D; Renault RN 0700; Jaguar Land Rover STJLR.03.5003



AVIA ECOSYNTH Ultra 5W-30

A modern, synthetic, fuel economy motor oil. Recommended for use in petrol engines of passenger cars, which prescribe an oil with the specification GM Dexos1™ Gen 2. Lower fuel consumption, fast cold start, a safe lubrication film at very high temperatures.

Specifications

ILSAC Gf-5; API SN; API SN Plus; API SN Plus Resource Conserving; ILSAC Gf-5

Recommendations

GM Dexos 1™ Gen 2; Chrysler MS 6395; Ford M2C946-A



AVIA ECOSYNTH Ultra FE04 504/507 5W-30

Synthetic, fuel economy „mid SAPS“ motor oil, recommended for use in petrol and diesel engines, with or without turbo-charging, in passenger cars and delivery vans with extended oil drain intervals. Also contributes to the extension of the lifetime of particle filters. Due to its special composition it is possible to apply it for the VW 504.00/507.00 requirements, in practice also called VW Longlife III. Suitable for modern catalysts.

Specifications

ACEA C3; API SN

Recommendations

VW 504.00/507.00; MB 229.51; BMW Longlife-04; Porsche C30



AVIA ECOSYNTH Ultra FE03 504/507 5W-30

Universal, fuel economy, specially composed motor oil for petrol and diesel engines, with or without turbocharging. Dedicated for passenger cars and delivery vans with extended oil drain intervals. This oil contributes to the extension of lifetime of particle filters. Possible to apply for the VW 504/507.00 requirements (also called VW Long-life III).

Specifications

ACEA C3; API SN

Recommendations

VW 504.00/507.00; MB 229.51; BMW Longlife-04; Porsche C30



AVIA ECOSYNTH Ultra FE02 5W-30

Universal synthetic motor oil suitable for petrol and diesel engines, with or without turbo-charging. Also this lubricant is very suitable for passenger car diesel engines with pump-injector-unit. This product meets the requirements of several OEM's thus has a wide range of applications.

Specifications

ACEA C3; API SN

Recommendations

BMW Longlife-04; GM Dexos 2; MB 229.51/229.52; VW 505.00/505.01



AVIA SUPER PLUS 5W-40

Universal, special composed synthetic motor oil recommended for use in petrol and diesel engines, with or without turbocharging. For passenger cars and delivery vans for which the most modern specifications are required.

Specifications

ACEA A3/B4; API SN/CF

Recommendations

MB 229.3; MB 226.5; VW 502.00/505.00; BMW Longlife-01; Porsche A40; Renault RN 0700/0710; GM-LL-B-025; Fiat 9.55535-M2

AVIA SUPER PLUS Extra C3 Turbo Diesel 5W-40

Universal synthetic motor oil is suitable for use in petrol and diesel engines, with or without turbo-charging. Also very suitable for passenger car diesel engines with pump-injector-unit. This product meets the requirements of several OEM's and thus has a wide application.

Specifications

ACEA C3; API SN/CF

Recommendations

MB 229.51; VW 505.00/505.01; BMW Longlife-04; Porsche A40; GM Dexos 2





AVIA SUPER PLUS Turbo Diesel FE15 10W-40

This all-round motor oil is recommended for use in petrol and diesel engines, with or without turbocharging. For passenger cars and delivery vans. Fast cold start, stable viscosity index strong protection.

Specifications
ACEA A3/B4; API SL/CF
Recommendations
MB 229.1; VW 501.01/505.00



AVIA SUPER PLUS FE15 10W-40

This all-round motor oil is recommended for use in petrol and diesel engines, with or without turbocharging. For passenger cars and delivery vans. Fast cold start, stable viscosity index strong protection.

Specifications
ACEA A3/B4; API SL/CF
Recommendations
MB 229.1; VW 501.01/505.00



AVIA SUPER PLUS SN/CF FE14 10W-40

This all-round motor oil is recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans. Fast cold start, safe lubrication film at high temperatures, strong protection against wear and corrosion.

Specifications
ACEA A3/B4; API SN/CF
Recommendations
MB 229.3; VW 505.00; Renault RN 0700,

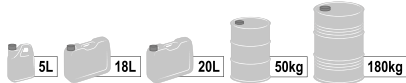


AVIA SUPER SN/CF FE16 10W-40

This all-round motor oil is recommended for use in petrol- and diesel engines, with or without turbo-charging, in passenger cars and delivery vans. Fast cold start, safe lubrication film at high temperatures, strong protection against wear and corrosion.

Specifications
ACEA A3/B4; API SN/CF
Recommendations
MB 229.1; VW 501.01/505.00





AVIA TURBOSYNTH Extra Plus HD01 CJ-4 5W-30

This fuel saving lubricant has been developed for heavy diesel engines working under the toughest operation conditions, all the year round. Suitable for Euro 5 and Euro 6 engines in combination with diesel fuel with low sulphur content. Suitable for engines with or without DPF and exhaust catalysts. LOW SAPS lubricant Group.

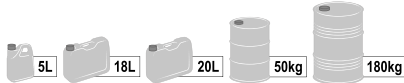
Specifications
ACEA E6,E7,E9; API CJ-4/SN
Recommendations
Volvo VDS-4/VDS-3; Scania Low Ash/LDF-4; Renault VI RLD-3; MTU Type 3.1; MB 228.31/228.51; MAN M 3677/M 3477/M 3271-1; MACK EO-0 PP/EO-N PP/EO-M Plus; Cat ECF-3; Cummins CES 20081; Detroit Diesel 93K218; Deutz DQC IV-10 LA; Jaso DH-2; Voith Class B



AVIA TURBOSYNTH Extra HD02 CK-4 10W-30

Fuel economy heavy duty engine oil for use in both on-road and off-highway applications. This oil contributes to low exhaust emission and particle levels benefits highly to lifetime of emission control systems. Meets requirements of OEM's in Europe and North America, wide choice of applications. Can be applied in Euro 5, Euro 6 with SCR exhaust gas system and Euro 3, Euro 4 engines.

Specifications
ACEA E7, E9; API CK-4
Recommendations
Volvo VDS 4.5; Mack EOS-4.5; Renault VI RLD-3; Cat ECF-3; MB 228.31; MTU Type 2.1; Cummins CES 20086; Deutz DQC III-10LA; Detroit Diesel 93K222; Ford M2C171-F1



AVIA TURBOSYNTH Extra HD04 CJ-4 10W-40

Engine oil developed for heavy duty diesel operating under the toughest operation conditions, all year round. Very suitable for Euro 4, Euro 5 and Euro 6 engines and fuel with low sulphur content. Suitable for engines with or without DPF and exhaust catalysts. LOW SAPS lubricants group.

Specifications
ACEA E4, E6, E7, E9; API CJ-4
Recommendations
Volvo VDS-4; Voith Class B/MB 235.28; Scania Low Ash; MB 228.31/228.51; Renault VI RLD-3/RLD-2; MAN M 3477/M 3575/M 3271-1; MTU Type 3.1/2.1; Mack EO-O/N Premium Plus; Jaso DH-2; Cat ECF-3; Cummins CES 20081; Deutz DQC IV-10 LA; Detroit Diesel 93K218



AVIA TURBOSYNTH HDFE12 10W-30

Motor oil applicable to gasoline and diesel engines, all year round in hard operation conditions. This oil has a special additive system and may be used when fuels with relatively high sulphur contents are involved. Developed to allow extended oil drain intervals and to prevent „Bore polishing- cylinder wear” in diesel engines. Suitable for Euro 4 and Euro 5 engines.

Specifications
ACEA E7; API CI-4/SH
Recommendations
Renault VI RLD-2; MTU Type 2; MB 228.3; MAN M 3275-1; Deutz DQC III 10; Cummins CES 20077/20078; Cat ECF-1,2; Cat ECF-1-a/ECF-2





AVIA TURBOSYNTH HD FE14 10W-40

Motor oil applicable to gasoline and diesel engines, all year round in hard operation conditions. Developed to allow extended oil drain intervals and to prevent „Bore polishing-cylinder wear” in diesel engines. Suitable for Euro 4 and Euro 5 engines without DPF and with exhaust gas emission.

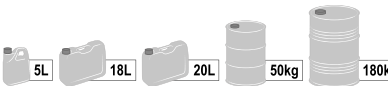
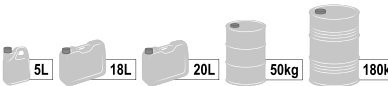
Specifications
ACEA E4, E7; API CI-4
Recommendations
MAN M 3377/M 3277; MB 228.5; Renault VI RXD/RLD-2; Volvo VDS-3; Cummins CES 20078; Detroit Diesel 93K215; Deutz IV-10; Global DHD-1; Mack EO-N/EO-M Plus; MTU Type 3



AVIA UNIFLEET Turbo Diesel HD FE17 CI-4 10W-40

Universal engine oil with synthetic components. Suitable to lubricate Euro III and Euro IV and Euro V - without DPF. Recommended for heavy duty diesel vehicles and for off-hi-ghway and earthmoving machines. Meets the requirement of the advanced ACEA E7-08 and API CI-4 performance levels of European and American heavy-duty engine oils. It provides long lifetime and excellent wear protection for the engines. An ideal lubricant for all modern high load diesel fleets with EGR and SCR systems. Suitable for European and American commercial vehicles heavy-duty diesel engines.

Specifications
ACEA E7-12, A3/B3-12, A3/B4-12; API CI-4
Recommendations
Global DHD-1; MB 228.3; MAN M 3275-1; Volvo VDS-3; Renault RLD-2; JASO DH-1; MTU Type 2; Cummins CES 20078; Cummins CES 20077; Cummins CES 20076; MACK EO-M Plus; DDC series 2000/4000DDC 93K215; Allison C-4; DQC III-1; Deutz DQC III-10; Tatra TDS 30/12



AVIA UNIFLEET HD FE18 CI-4 15W-40

Engine oil suitable to lubricate Euro III, Euro IV and Euro V - without DPF. Recommended for heavy duty diesel commercial vehicles and off-highway and earth moving machines. Meets the requirement of the advanced ACEA E7 performance level of European heav-duty engine oils. It provides long lifetime and excellent wear protection for the engines. An ideal lubricant for all modern high load diesel fleets with EGR and SCR systems. Suitable for European and American heavy duty commercial vehicles and railroad diesel engines.

Specifications
ACEA A3/B4-17, E7-12, E5-02, E3-96; API CI-4/SL/CF
Recommendations
Global DHD-1; MB 228.3; MAN M 3275-1; Volvo VDS-3; Renault RLD-2; MTU Type 2; Deutz DQC II-10; Caterpillar ECF-1a; Cummins CES 20078, 20077, 20076; MACK EO-M Plus, EO-N; DCC Series 2000/4000, 93K215; Tatra TDS 30/12; Tedom 258-3; Avia; Zetor; Kamaz



AVIA TURBODIESEL HD 20W-50

Engine oil applicable for gasoline and diesel engines, with or without turbo charging even under tough operation conditions, all year round. Due to special additives may be used when high sulphur fuels are involved. Extend oil drain intervals and prevent „bore polishing” (cylinder wear) in diesel engines. Applicable in Euro 4 and Euro 5 engines.

Specifications
ACEA E7; API CI-4/SL
Recommendations
MB 228.3; Cummins CES 20077/20078; Deutz DQC III-10; Global DHD-1





AVIA DX III H Colorless

An extremely high graded automatic transmission fluid. May be used for automatic gearboxes, power-steering units, torqueconverters and other equipment, for which an ATF Dexron IID, IIE, IIIF, IIIG or IIIH fluid is required. An excellent stability against oxidation, a positive activity against wear, corrosion and foam, a perfect compatibility with seals and non-ferro metals. Without dye.

Recommendations

GM Dexron IID/IIIE/IIIF/IIIG/IIIH; MB 236.1/236.5/236.6/236.7/236.9; MAN 339 Typ Z1/V1; Volvo 97341; Ford Mercon/M2C138-CJ/166-H; Allison C4/TES-389; Voith 55.6335 (G607); Cat TO-2; ZF TE-ML 02F/03D/04D/09A/09B/11A/11B/14A/17C



AVIA DX III H Red

A very high graded automatic transmission fluid may be used for automatic gear boxes, power steering units, torque converters and other equipment, for which an ATF Dexron IID, IIE, IIIF, IIIG or IIIH fluid is required. Very good stability against oxidation, a positive activity against wear, corrosion. A perfect compatibility with seals and non-ferro metals. Red coloured.

Recommendations

GM Dexron IID/IIIE/IIIF/IIIG/IIIH; MB 236.1/236.5/236.6/236.7/236.9; MAN 339 Typ Z1/V1; Volvo 97341; Ford Mercon/M2C138-CJ/166-H; Allison C4/TES-389; Voith 55.6335 (G607); Cat TO-2; ZF TE-ML 02F/03D/04D/09A/09B/11A/11B/14A/17C



AVIA CVT Fluid

High quality synthetic fluid is designed for application in continuously variable automatic gear boxes. The so called CVTF's. A high performance synthetic fluid for modern continuously variable transmissions. Ideal friction performance, extended service interval in combination with a longer transmission life.

Recommendations

Chrysler/Dodge/Jeep NS-2/Mopar CVTF+4; Daihatsu Amix CVTF DC/DFC/DFE; Honda HMMF(without starting clutch)/HCF2; Hyundai/Kia CVT-J1/SP III (CVT model); Mazda JWS 3320; GM DEX-CVT; MB 236.20, Ford WSS-M2C928-A; Mitsubishi SP-III (only in CVT)/CVTF-J1/J4/J4+; Mini Cooper EZL799/799A; Subaru ECVT/ICVT/ICVT FG/NS-2; Subaru Lineartronic High Torque (HT) CVTF; Subaru Lineartronic chain CVTF/CVTF II; Suzuki CVTF TC/3320/NS-2/Green 1/Green 2/Green 1V; Toyota CVTF TC/FE; Nissan NS-1/NS-2/NS-3; VW G-052-180/G-052-516

AVIA ATF DX VI Red

A very high graded automatic transmission fluid ATF.This fluid may be used for automatic gear boxes, power steering units, torque converters and other equipment, for which an ATF is required, which exceeds ATF Dexron III and II. Its special composition causes a longer lifetime of this liquid compared with older Dexron types. This product cannot be used in DCT's and CVT's or when an oil with the Ford Type F/G specification is recommended. Very good stability against oxidation and thermal properties, a positive activity against wear, corrosion and foam, a perfect compatibility with seals and non-ferro metals. Red coloured.

Recommendations

Aisin Warner JWS 3309(T-IV)/3324(WS)/AW-1; Allison C3/C4, BMW 7045E/8072B/LA2634/Mini C T-IV; Cat TO-2; Chrysler Dodge Mopar AS68RC/69RC (T-IV); Chrysler ATF-+/+2/+3/+4; Fiat Type IV; Daihatsu ATF D-II/D-III SP; Ford Mercon LV/Mercon/M2C138-CJ/166-H/922-A1/924-A; GM Dexron VII/IIID/IIIE/IIIG/IIIH; TASA; Honda Acura DW-1/ATF-Z1(except in CVT); Hyundai/Kia SP-II/SP-III/SP-IV/SP-IV M/SP-IV RR; Hyundai/Kia JWS 3314/9683; Isuzu ATF II/III/SP; Jaguar ATF 3403 M115/JLM 20238/20292; JASO M315-2013 1A/1A-LV/2A; Mazda ATF DII/M-III/M-V/FZF-1/S-1/N-1/3317; MB 236.1/2/3/236.5/236.7/236.8/236.9/236.41; Mitsubishi SK/SP-II/SP-III/SP-IV/AW/J2/J3/ATF PA; Nissan Matic C/D/J/K/S; Porsche ATF 3403-M115/T-IV; Subaru ATF ATF/AW-1/5AT/ATF HP; Suzuki ATF 3309/3314/3317/2326/2384K; Toyota D-II/D-III/T-III/T-IV/WS VAG G-052-025/052-055/052-162/052-990; VAG G-053-025/055-025/055-162/055-540/060-162; Voith 55.6335.xx (G607); Volvo 97335/97340/1161540; ZF 5HP 18FL/19FL/24A/30/4HP20; ML 05L/09/11A/B/21L





AVIA ATF DX VI Colorless

A very high graded automatic transmission fluid ATF.This fluid may be used for automatic gear boxes, power steering units, torque converters and other equipment, for which an ATF is required, which exceeds ATF Dexron III and II. Its special composition causes a longer li-fetime of this liquid compared with older Dexron types. This product cannot be used in DCT's and CVT's or when an oil with the Ford Type F/G specification is recommended. Very good stability against oxidation and thermal properties, a positive activity against wear, corrosion and foam, a perfect compatibility with seals and non-ferro metals.Without dye.

Recommendations

Aisin Warner JWS 3309(T-IV)/3324(WS)/AW-1; Allison C3/C4; BMW 7045E/8072B/LA2634/Mini C T-IV; Cat TO-2; Chrysler Dodge Mopar AS68RC/69RC (T-IV); Chrysler ATF+/-2/+3/+4; Fiat Type IV; Daihatsu ATF D-II/D-III SP; Ford Mercon LV/Mercon/M2C138-CJ/166-H/922-A1/924-A; GM Dexron VI/II/ID/IIIE/IIIG/IIIH; TASA; Honda Acura DW-1(ATF-Z1(except in CVT); Hyundai/Kia SP-II/SP-III/SP-IV/SP-IV M/SP-IV RR; Hyundai/Kia JWS 3314/9683; Isuzu ATF II/III/SP; Jaguar ATF 3403 M115/JLM 20238/20292; JASO M315-2013 1A/1A-LV/2A; Mazda ATF DI/II-M-III/M-V/FZ/F-1/S-1/N-1/3317; MB 236.1/2/3/236.5/236.7/236.8/236.9/236.41; Mitsubishi SK/SP-II/SP-III/SP-IV/AW/J2/J3/ATF PA; Nissan Matic C/D/J/K/S; Porsche ATF 3403-M115/T-IV; Subaru ATF ATF/AW-1/5AT/ATF HP; Suzuki ATF 3309/3314/3317/2326/2384K; Toyota D-II/D-III/T-III/T-IV/WS; VAG G-052-025/052-055/052-162/052-990; VAG G-053-025/055-025/055-162/055-540/060-162; Voith 55.6335.xx (G607); Volvo 97335/97340/1161540; ZF 5HP 18FL/19FL/24A/30/4HP20; ML 05L/09/11A/B/21L

AVIA ATF 8HP

Premium synthetic product is specially formulated for the lubrication of ZF 8HP transmis-sions. This oil contributes greatly to realizing fuel saving and can be used amongst others in the ZF 8HP transmissions 8HP45, 8HP55, 8HP70 and 8HP90. It can also be used in certain ZF 6HP transmissions, which are used in various VAG models. Very good resistan-ce against oxidation and a very high thermal stability, excellent and very stable friction characteristics that enable longer oil-replacement intervals. Green coloured.

Recommendations

BMW 8322 2152426/2289720(ATF3+); Chrysler 68157995AA; Fiat 9.55550-AV5; Jaguar 02JDE 26444; Land Rover LR023288; VAG G-060-162



AVIA ATF 236.15

Premium synthetic product is specially formulated for the lubrication of the latest genera-tion of automatic 7G-Tronic Plus transmissions from Mercedes-Benz for which an oil with the specification MB 236.15 is required. This oil contributes considerably to the realization of fuel saving. Dark blue coloured.

Recommendations

MB 236.15

AVIA ATF DCT

This dual clutch transmission fluid is developed to fulfill the highest demands of modern high tech dual clutch transmissions and is particularly suitable for transmissions were dual clutch, synchronizer, gear set and hydraulic control system operate with the same fluid.

Recommendations

BMW; Ford WSS-M2C936-A; MB 236.21/236.25; Mitsubishi Dia-Queen SSTF-1; Porsche; PSA; Volvo 1161838/1161839; VW G-052-529/G-052-182

European Quality Products and Swiss Business Traditions and Practice

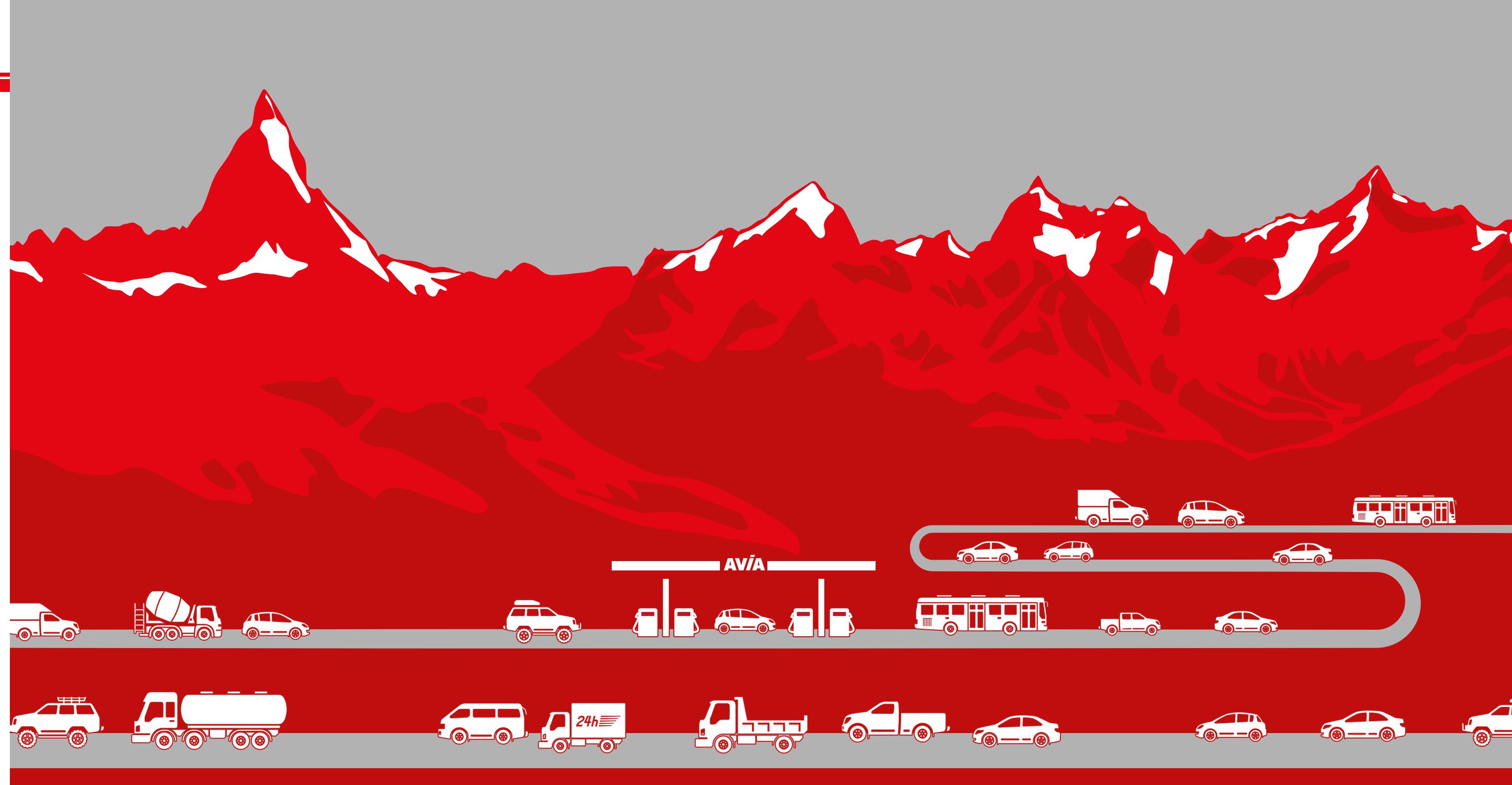
For all products and services we offer, one thing remains the same: Our focus is on the satisfaction of customers' requirements and quality. Requirements for lubricants for the automotive sector are advancing through new developments towards greater economy, longer oil change intervals and lower environmental impact.

AVIA takes these development trends into account and has amalgamated the full spectrum of the latest lubricants:

- Engine oils for PCMO and HDMO
- Automatic transmission oils (ATF)
- Gear oils
- Greases
- Frost/corrosion inhibitors
- Brake fluids.

Hi-tech oils for ultra-long oil change intervals, environmentally friendly two-stroke oils and speciality oils for a variety of special drives.

AVIA works with the world's largest suppliers of base oils and additives, thanks to which the products offered meet the most stringent quality requirements.



Rules for the selection of engine oils

Air temperature [°C]																		
-40	-35	-30	-25	-20	-15	-10	-5	0	+5	+10	+15	+20	+25	+30	+35	+40	+45	+50
		SAE 0W																
			SAE 5W															
				SAE 10W														
					SAE 15W													
						SAE 20W												
								SAE 20										
									SAE 30									
											SAE 40							
												SAE 50						

AVIA motor oils

Diagram illustrating the relationship between different oil grades (SAE 0W-20, SAE 0W-30, SAE 0W-40, SAE 5W-30, SAE 5W-40, SAE 10W-40, SAE 20W-50) based on their performance characteristics. The diagram shows that higher grade oils (e.g., SAE 20W-50) contain more high-temperature additives (indicated by the red portion) compared to lower grade oils (e.g., SAE 0W-20).





AVIA

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