



REKTOL CLASSIC OILS
ORIGINAL FORMULATIONS IN PREMIUM QUALITY



CLASSIC ENGINE OILS



ENGINE OILS	SAE	API	Period*	Description
REKTOL Running in Oil	30	Low additive content	universal	Formulated for use during the running in period for re-built or overhauled engines, especially recommended for the first 400 - 600 km. It successfully prevents "bore polishing" and simplifies the running in process of the piston and piston rings. After this procedure, the oil should be replaced with an appropriate Rektol Engine Oil. For additional wear protection in the run-in phase of large-volume US Flathead engines, see Rektol ZDDPower under "Special Products".
REKTOL Regular	10	SA Historical specifications: API ML-Service Opel M23, M24, M27, M28	1900-1955	Non-Detergent, monograde engine oils manufactured from high quality mineral base oils with oxidation inhibitors (reduces oil ageing) and pour point improver (improves flow rating in the cold). Especially suitable for old engines from the pre-war period, where sludge must settle in the oil sump.
	20			
	30			
	40			
	50			
	20W-50			
REKTOL SC	10	SB/SC/CC Historical specifications: API HD-Oil, API Premium Oil API MM-Service, API MS-Service API DM-Service, API DG-Service MIL-L-2104-A/B, Supplement 1 (S1) MIL-L-46152-A/B, DEF 2101 C/D Ford M2C-101-A/B GM 6041-M, GM 4745-M MB 225.1, MB 226 DBL 6615, DBL 6604, DBL 6605	1955-1970	Mineral-based multigrade engine oils suitable for gasoline and diesel engines of this period. Also suitable for use in many turbodiesel engines at medium charging pressures. It is tailored to modern fuel qualities and increased wear protection. Enriched with additives of ZDDP (zinc >1200 mg/kg) for improved wear protection in the area of valve control, especially for large-volume US V8 engines.
	20W-20			
	30 (20W-30)			
	40			
	50			
	10W-30			
REKTOL SE	10W-30	SD/SE/CC Historical specifications: API MS-Service, API DM-Service MIL-L-2104-C, MIL-L-46152-A Ford M2C-101-C, Ford M2C-144-A Ford M2C-9001-AA GM 6041-M, GM 6136-M CCMC G-1/D-1, MB 225.1, MB 226	1970-1980	Mineral multigrade engine oil with classic additive high-performance technology (e.g., stop-and-go Traffic), tailored to modern fuel qualities. Also, for turbo diesel engines suitable (at low charging pressures). Contains the usual proportion of ZDDP (zinc >1250 mg/kg) from the 1970s.
	15W-40			
	20W-50			

classiccars REKTOL Klassik Regular 20W-50 in the magazine test Classic Cars 11 / 2014 with the rating "RECOMMENDED FOR PRE-WAR CLASSIC CARS"

OLDTIMER MARKT REKTOL Klassik SE 20W-50 in the magazine test Oldtimer Markt 01 / 2015 with the rating "Very good values".

klassik REKTOL Klassik SE 20W-50 in the magazin test Auto Bild 11/2013 with the rating „GOOD“

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ENGINE OILS	SAE	API	Period*	Description
REKTOL SF	15W-40	SF/CD Historical specifications: MIL-L-2104-C/D/E, MIL-L-46152-B/C MIL-L-45199-B, Ford M2C-153-B/D Ford M2C-9011-A GM 6048-M / 6049-M Caterpillar Series 3 CCMC G-2/D-2/D-3 MB 227.1, MB 226.1, MB 228.1 VW 500.00	1975-1985	Premium turbo multigrade engine oil, formulated for use in many petrol and diesel engines. Suitable for difficult operating conditions and highly turbocharged diesel engines according to API CD. This product contains increased levels ZDDP (zinc >1350 mg/kg) for improved wear protection.
	20W-50			
REKTOL SG Sport	15W-50	Sports engines with high thermal load	1980-1995	High-performance oil for sporty vehicles. Suitable for multi-valve technology, for naturally aspirated and turbo engines, petrol and diesel engines. Note: Contains increased ZDDP content (zinc >1400 mg/kg) and special friction modifiers (molybdenum) for improved wear protection (as well as emergency running properties) in high temperature ranges. Our choice for air-cooled sports engines and tuned racing engines from this period.
REKTOL SG Supersport	15W-60		1980-1995	
REKTOL SJ	5W-40	SG/SH/SJ/CE/CF Historical specifications: VW 500.00, VW 505.00, VW 505.01 BMW Leichtlauf, BMW Spezial, Ford M2C-9008-A MB 226.5, MB 227.5, MB 228.1, MB 229.1, ACEA A1/B1, ACEA A1/B1, ACEA A2/B2 ACEA A3/B3, CCMC G-4/G5 Porsche A40, CCMC D3/PD-2 Chrysler MS-6395 Ford M2C-910/912/913	1990-2000	During this time, the first generations of low-friction oils were introduced in the passenger car sector. These were engine oils based on semi-synthetic and synthetic technologies. The achievable oil change interval ranges from 10,000 to 20,000 km, depending on the vehicle. Zinc content >1100 mg/kg.
	10W-40			
	15W-40			
REKTOL Truck	10W-40	CF-4, CG-4, CH-4 Historical specifications: MB 228.1, MB 228.3 Cummins NTC400, Cummins CES 20076, Cummins CES 20075, Cummins CES 20071, Mack EO-L, Mack EO-K/2, Mack EO-M, MAN 271, MTU Typ 1/2 VOLVO VDS, VOLVO VDS 2 ACEA E1, ACEA E2, ACEA E3 CCMC D4/D5, MIL-L-2104-D/E MIL-L-46152-D, SHPD, Scania Caterpillar TO-2, Caterpillar ECF-1-A Allison-C3 VW 505.00, Deutz DQC I/II, IVECO TO/T1, Renault RD/RD-2	1990-2000	For high-speed four-stroke diesel engines with and without turbo charging. Especially for highly stressed truck engines when using diesel fuels with up to 0.5% sulfur content. At the time, this engine technology enabled oil change intervals of up to 50,000 km and diesel generator running times of up to 400 hours. Zinc content >1200 mg/kg Base number >10 mgKOH/g
	15W-40			
	20W-50			

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ENGINE OILS	SAE	API	Period*	Description
REKTOL Boxer	15W-40	SE/SD/SC	After 1955	Mineral HD engine oil for year-round use in VW boxer engines starting from the mid-1950s. This balanced oil formulation prevents the formation of black sludge and acidic combustion products, even in frequent stop-and-go traffic. Increased proportions of ZDDP wear protection additives (zinc >1250 mg/kg) ensure an extended engine lifespan without damaging "old" organic sealing materials.
	20W-50			

SPECIAL ENGINE OILS	SAE	API	Period*	Description
REKTOL Universal Oil	20W-50	SF/CC GL3/4 Engine and transmission combination	1960-1980	20W-50 universal oil has been specially developed for vehicles in which the transmission and engine are supplied from the same oil circuit. Zinc content > 1250 mg/kg. Phosphorus content > 1300 mg/kg. Application e.g.: Mini Cooper, NSU Prinz ...
REKTOL 2T/50	50	TA	1930-1960	Highly viscous SAE 50 2-stroke engine oil for separate and mixed lubrication. Especially for use in 2-stroke petrol and diesel engines. Particularly recommended for Lanz Bulldog 2-stroke diesel glow-head engines and 2-stroke motorcycles from pre- and post-war period.
REKTOL 2T MIX	30	TC	1930-1975	For pre- and post-war vehicles with 2-stroke engines, semi-synthetic, self-mixing with gasoline or for separate lubrication. Especially for Lanz 2-stroke diesel tractors from the 1950s. Of course also suitable for the 2-stroke engines for cars and motorcycles of this time.

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CLASSIC TRANSMISSION OILS



TRANSMISSION OILS	SAE/Type	API / Historical specifications:	Period*	Description
REKTOL Preselection Transmission Oil	30	Regular	Before 1945	Transmission oil for WILSON preselector gearboxes and licensed builds such as Talbot, Armstrong Siddeley, Daimler and E.N.V.
REKTOL ATF 100 - F	ATF-F	Ford: M2C33-D/E/G, M2C9007-AA	After 1961	A special Ford transmission fluid for automatic transmissions without a friction modifier. At that time, for example, specified for Ford C4 automatic transmissions.
REKTOL ATF 100 - A	ATF-A	Ford: M2C33-A GM: ATF-A, Suffix A, TASA MB: 236.2, DBL 6623	After 1949	An ATF-Type A Suffix A contains friction value modifiers and is a transmission fluid for hydraulic clutches, servo Steering systems, converters, automatic transmissions with 2 planetary sets and special transmissions. Also complies with the regulations for DB synchronous gears
REKTOL ATF 200	Dexron II	Ford: M2C-9007 AA; M2C-9010 A M2C-138 CJ; M2C-202-B, MERCON GM: Dexron B, Dexron II D/E, Chrysler MS-7176 D MB 236.6	After 1967	Transmission fluid for automatic transmissions according to GM, Ford and Chrysler specifications
REKTOL ATF 300	Dexron III	GM Dexron III H, Allison C-4 Ford Mercon, MB 236.1, 236.5 Volvo 97341	After 1993	Transmission fluid for automatic transmissions according to GM Dexron III G/H specifications
REKTOL Hydrofluid TOU	15W-30 (SAE80)	GL-4, MIL-L-2105, HVLP Massey Ferguson M 1127, M 1129, M 1135 Ford M2C-121B, -1004A, -159A/B, -41A, -85A, -86A/B, -134A/B/C John Deere J14 B, J20 A IHC B6 (HyTran Fluid) Hanomag 508 and Fiat AF 87	1965-1995	Tractor Oil Universal (transmission / hydraulic oils) for hydraulics, transmissions and vehicles with wet brakes and wet clutches.
REKTOL Universal Oil STOU	15W-30 (SAE80)	MIL-L-2104 C, MIL-L-46152 API CD/SE, MIL-L-46152 Mercedes Benz OM 616 AGL-4, MIL-L-2105, HVLP Massey Ferguson M 1139, M 1127, M 1129, M 1135 Ford M2C - 41 A, - 85 A, - 86A/B,- 134A/B/C John Deere J 14 B, J 20 A IHC B 6 (HyTran Fluid) Hanomag 508 and Fiat AF 87	1970-1995	Super Tractor Oil Universal (engine/transmission/hydraulic oils) for engines, hydraulics, transmissions and vehicles with wet brakes and wet clutches.

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TRANSMISSION OILS	SAE/Type	API / Historical specifications:	Period*	Description
REKTOL Gear 100	80	Non-ferrous metal and seal compatibility: GL-1. Wear protection performance: GL-2+. Opel M15, M16, M23 Daimler Benz DBL 6620, DBL 6624	Until 1970	Mineral gear oil, without EP and hypoid additives. Particularly suitable for gearboxes and axles that are equipped with sensitive non-ferrous metal components and "old" sealing materials. It corresponds to the performance API GL-2+, whereby the non-ferrous metal and seal compatibility is comparable to API GL-1.
REKTOL Gear 100	90			
REKTOL Gear 100	110			
REKTOL Gear 100	140			
REKTOL Gear 100	190			
REKTOL Gear 100	250			
REKTOL Gear 300	80	Non-ferrous metal and seal compatibility: GL-3. Wear protection performance: GL-4 Historical specifications: MIL-L-2105, MIL-L-2105A MPL, Hy, Hyp, EP DB 235.1, Ford M2C85A, M2C94A M2C9008-AA, Daimler Benz DBL 6630, DBL 6634 Opel M75, M15/1, GM 4753 M	universal	EP gear oils for manual and special gearboxes, as well as for axle drives and hypoid drives under low/medium operating conditions. It complies with the API standard GL-4, whereby the non-ferrous metal and seal compatibility is comparable to API GL-3.
REKTOL Gear 300	110			
REKTOL Gear 300	190			
REKTOL Gear 300	140			
REKTOL Gear 300	75W-90			
REKTOL Gear 300	90/80W-90			
REKTOL Gear 300	85W-140			
REKTOL Gear 400	80W-90	GL-4/5 Historical specifications: MIL-L-2105B, Hyp-B Ford M2C29, M2C22 VW G50 (75W-90)	After 1962	Gear oils for hypoid geared axle drives under medium operating conditions, as well as for highly loaded manual and special gearboxes.
REKTOL Gear 500	80	GL-5 Historical specifications: MIL-L-2105C, MIL-L-2105D MIL-L-2105B (SAE80), Hypoid, Ford M2C9002-AA Opel M12, VW G52	After 1970	Gear oils for hypoid gear axle drives in severe operating conditions, as well as for highly loaded special gears.
REKTOL Gear 500	75W-90			
REKTOL Gear 500	80W-90			
REKTOL Gear 500	140			

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TRANSMISSION OILS	SAE/Type	API / Historical specifications:	Period*	Description
REKTOL Gear 400 LS	80W-90	GL-4/5 LS Historical specifications: M2C-28B, BMW M600 68.0 Daimler Benz DB 235.3	After 1959	Limited Slip gear oil for highly loaded self-locking differentials. Unwanted slipping properties are caused by the "Limited slip" properties are effectively avoided.
REKTOL Gear 500 LS	80W-90	GL-5 LS Historical specifications: M2C-104A, Daimler Benz DB 235.3	After 1970	Special hypoid gear oil with limited slip additive, which is designed for extreme requirements in self-locking differential and differential gears.
REKTOL Gear 600 LS	90	GL-6 LS M2C-105A	1970 - 1990	Special hypoid gear oil with limited slip additive for very rough conditions (very high sliding speed on the tooth flanks and significant shock loads) on Ford hypoid drives with axle offset of more than 25% of the ring gear diameter.

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CLASSIC ADDITIVES

ADDITIVE	Packaging	Specification	Description
REKTOL Cera	Coming soon	Wax	Long-term, wax-based rust inhibitor with excellent creep/capillary action, can be used in hot spray (110-120°C) and by manual brush application (50-60°C).
REKTOL Radiator cleaner	300 ml	Cleaning concentrate	REKTOL radiator cleaner removes deposits and limescale, corrosion and oil residues from the cooling system. Compatibility with all metals, rubber and plastic materials is guaranteed. Simply add 300 ml to the warm cooling system, set the heater to maximum power and let it run at idle for about 20 minutes. Then drain all the coolant and rinse with water.
REKTOL Radiator protection	300 ml	Polymer concentrate	The plastic polymers contained close micro-leaks within the cooling system. REKTOL radiator protection has proven itself as a preventative measure against leaks and seal sweating in the cooling system. Can be mixed with all coolants without affecting the flow rate of the coolant. Mixing ratio 1:25. This means that 300 ml is enough for 7.5 liters of coolant.
REKTOL Oil change fluid	300 ml	Cleaning concentrate	Towards the end of an oil change interval or in the case of "delayed" oil changes, the cleaning agents in the engine oil are largely used up. This means that there may be deposits in the engine that would only be removed by fresh engine oil. Our oil change fluid provides intensive engine cleaning shortly before the oil change and improves and accelerates the draining of used oil. A 300ml can is placed in the warm engine shortly before an oil change (for oil fillings of 4 to 6 liters). After the engine has been idling for around 15 minutes, the used oil can be drained. Attention: do not use for driving.
REKTOL Lead additive	250 ml	Additive concentrate	Until the 1980s, gasoline fuels contained lead to prevent "engine knock." A pleasant side effect of these lead additives was the protective effect on valves and valve seats. Even though most old cars today run smoothly without lead in the gasoline, there are some engines, especially sports engines, that require the addition of lead. Please contact the manufacturer or your specialist workshop for information. Dosage 1: 1000. Example 20 ml for 20 L fuel.
REKTOL Upper cylinder lubricant	2000 ml	mild additive mineral oil	In the 1930s to 1960s, small amounts of oil (1:300) were added to the fuel in various four-stroke engines to improve lubrication under extreme loads. Our upper cylinder lubricant has exceptionally good lubricating properties and burns completely in the combustion chamber without leaving deposits or coking. Application e.g. on Peugeot 302, 402...
REKTOL ZDDPower	300 ml	ZDDP - concentrate	This concentrate contains ≈31,000 mg/kg zinc (ZDDP). Provides additional wear protection in the running-in procedure of large-volume vintage US V8s, especially flat-head engines. Simply add to the engine oil = 300 ml ZDDPower in 4L to 6L engine oil. Attention: This addition is only suitable for short-term use (approx. 30 minutes on the test stand). Immediately after the running-in phase, remove the oil-ZDDPower mixture from the engine and fill it with the original operating oil.
REKTOL Limited Slip	15 ml	Limited Slip concentrate	This LS concentrate can be subsequently added to an oil filling of the drive axle in order to create the sliding friction properties that are required for the function of self-locking differentials. The dosage is 15 ml of concentrate for 1000 ml of gear oil. Available in 15ml tubes.
REKTOL Friction Additive	15 ml	concentrate of graphite and molybdenum	Graphite and molybdenum are used in lubricating oils to reduce the coefficient of friction. The crystalline structures create sliding properties on metal surfaces, which support emergency running properties, especially in the event of oil losses and extreme loads. At that time, for example, colloidal graphite was required in the oil of the drive components of a BMW R68. Available in 15ml tubes. Addition recommendation in gear oils: manual gearbox 3%. Drive axles 5%.



CLASSIC HYDRAULIC OILS

HYDRAULIC OILS	ISO VG SAE	DIN 51524	Period*	Description
REKTOL Hyd 32	VG 32	HL	1970 -1985	A very age-resistant hydraulic oil in accordance with DIN 51524 Part 1 (HL) with very good cold-heat behavior. It has a high chemical stability and largely prevents corrosion. Does not attack commercially available seals in an impermissible manner.
REKTOL Hyd 46	VG 46			
REKTOL Hyd 68	VG 68			
REKTOL Shock absorber oil 10	SAE 10	HVLP -LS	universal	Special hydraulic shock absorber oil for most single and double acting shock absorbers. Also for lever arm shock absorbers. Contains LS additives (limited slip additives) that counteract unwanted "stick-slip" phenomena.
REKTOL Shock absorber oil 20	SAE 20			
REKTOL Shock absorber oil 30	SAE 30			

CLASSIC SPECIAL OILS

SPECIAL OILS	ISO VG	Specification	Period*	Description
REKTOL UNI Spindle oil 10	VG 10	Very low additive content	Until 1970	Spindle oil is a universal, paraffin-based mineral oil with very good cold-heat behavior. This specially manufactured product is predominantly unalloyed and has high chemical resistance. Also suitable for the lubrication of precision mechanical rolling and plain bearings, as there is no tendency to gum up. Does not attack metals or commercially available seals in an impermissible manner. Also suitable as circulation oil and for hydrostatic drives. According to hydraulic oil type H (DIN 51524) and machine oil type C (DIN 51517).
REKTOL UNI Spindle oil 22	VG 22			
REKTOL UNI Spindle oil 32	VG 32			
REKTOL UNI Spindle oil 46	VG 46			
REKTOL UNI Spindle oil 68	VG 68			
REKTOL Spray oil clear 22	VG 22	Without the addition of additives	universal	A preservative oil for storing metal tools and machined machine parts in closed rooms.
REKTOL Spray oil graphit 22	VG 22	graphitized	universal	A black underbody preservation oil for all types of vehicles. REKTOL graphitized spray oil offers the same corrosion protection as REKTOL clear spray oil and also contains graphite EP additives to achieve long-lasting lubrication of moving parts.

*approx. core time of further development and production at REKTOL

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GREASES AND SPRAYS

GREASES AND SPRAYS	Standardization	Description
REKTOL Opal EP-2	KP2-K-30	Extreme Pressure, wheel and rolling bearing grease is a long-term lubricant for the lubrication of all types of rolling bearings in cars, trucks and other vehicles.
REKTOL Saphir CA	KP2-K-30	Calcium-based water pump grease, very water-resistant, extremely adhesive, long-term lubricating grease.
REKTOL Blue Diamond EP 2	KP2-K-30	Blue extreme pressure long-term grease for difficult operating conditions where high adhesion and moisture resistance are required.
REKTOL Topas 2	K2-K-30	Multi-purpose grease contains special additives to improve rust and corrosion protection.
REKTOL Azurit 000 EP	GP 00/000 K-50	The Extreme Pressure gear grease is a particularly soft fluid grease with high rust protection properties, good adhesion and excellent pressure absorption capacity. ART Ambroleum.
REKTOL Grease spray	400 ml Spray can	This grease spray can be used on all open vehicle lubrication points such as door catches, door strikers, door hinges, hood locks, hood hinges, sliding doors, spring hinges, etc. Application: Degrease parts, spray from 20cm and dry well.
REKTOL Rust remover spray	400 ml Spray can	Excellent creep properties and high capillary action. Very quick removal of corroded connections such as screws and nuts. The effect is long-lasting and also makes subsequent dismantling much easier.
REKTOL Interior care spray	400 ml Spray can	Fully synthetic care spray regenerates all plastic surfaces in the vehicle. Has an antistatic effect and is therefore dust-repellent. Active sliding in the area of the seat belts, making it easier to roll and unroll the belt. Good lubricating effect on window guides and door rubbers.
REKTOL DOT 4	Brake fluid	REKTOL DOT 4 can be used in passenger cars, commercial vehicles and motorcycles and is miscible and compatible with the standard available brake fluids according to the DOT 4 and DOT 3 specifications. CAUTION: Do not mix with silicone-based brake fluids (DOT 5) or mineral oils.

