

Engine oils

ADDINOL 4-stroke engine oils	SAE	JASO	API	Product description
Pole Position	5W-40	MA-2	SN	for air- and water-cooled four-stroke engines / suited for highest demands
	10W-30	MA-2	SN	
	10W-40	MA-2	SN	
	10W-50	MA-2	SN	
	20W-50	MA-2	SN	
Super Racing	5W-50	MA-2	SN	for air- and water-cooled four-stroke engines / suited for highest loads on- and offroad
	10W-60	MA-2	SN	
Racing 4T	10W-30	MA-2	SP	for air- and water-cooled four-stroke engines / low viscosity for reliable operation / ideal for wet clutches also at extreme conditions
	15W-50	MA-2	SP	
Semi Synth 1040	10W-40	MA-2	SP	for air- and water-cooled four-stroke engines / proven under high demands / ideal for wet clutches
Legends M 30	30		SA	special engine oils for vintage vehicles / no additivition / very ageing resistant / best VT-behaviour
Legends M 50	50		SA	

ADDINOL 2-stroke engine oils	ISO-L-	JASO	API	Product description
Pole Position High Speed 2T	EGD	FD		for air- and water-cooled two-stroke engines / suited for high loads / ideal for motocross and on-road races / does not contain any pre-mix components / mixing ratio depending on manufacturer instructions
Super Synth 2T MZ 408	EGD	FD	TC+	for air- and water-cooled two-stroke engines / suited for high loads / biodegradable / self-mixing / mixing ratio up to 1:100 depending on manufacturer instructions
Super 2T MZ 406	EGC	FC	TC+	for air- and water-cooled two-stroke engines / suited for high loads / low-smoke character / self-mixing / mixing ratio up to 1:50 depending on manufacturer instructions
Super Mix MZ 405 Legends 2T MZ 405	EGB	FB	TC	for air- and water-cooled two-stroke engines with mixed and separate lubrication / use in vintage vehicles / self-mixing / mixing ratio up to 1:50 depending on manufacturer instructions



MAXIMUM PERFORMANCE for every stroke

Whether 2-stroke or 4-stroke – in the ADDINOL range you'll find the right engine and transmission oils for all motorcycles. High-quality formulations ensure optimal protection, clean combustion and reliable performance – for maximum power on every ride!

Transmission oils

ADDINOL Transmission oils	SAE	API	Product description
GH	80W-90	GL-5	for heavily loaded hypoid-geared axle drives with large axle offset / also suitable in some cases for manual and special transmissions / offering maximum shear stability and excellent viscosity-temperature behaviour across a wide temperature range
	80W-140		
	85W-90		
	85W-140		
GS	75W-90	GL-4	for heavily loaded manual and special transmissions as well as hypoid-gear axle drives under normal operating conditions / suitable for universal use for optimum protection
	80W-140		
	85W-90		
Legends GL	85W-140	GL-3	for manual and special transmissions as well as axle drives under light and moderate operating conditions / ideally suited for older vehicles / reliable protection even for typical material combinations in classic cars / mild additivition (EP additives) GL 80W (formerly GL 100, GL 60, GH 60) GL 90 (formerly GL 220, GL 125, G 15, G 20) GL 140 (formerly GL 460, GL 240, GL 265, GHD)
	80W		
	90		
	140		

Maintenance and care

ADDINOL Product	Product description
Brake Fluid DOT 4	fully synthetic brake fluid for hydraulic brake and clutch systems / high dry and wet boiling point / maximum safety also at high loads / meets: FMVSS 116 DOT 4/3, SAE J 1704/1703, ISO 4925 Class 6, DTRF 30B100 (MB 331.0) / not miscible with brake fluids based on mineral oil!
Antifreeze CHB	ethylene glycol-based coolant concentrate for modern lightweight engines / provides reliable protection against frost, corrosion and overheating / high chemical stability / can be mixed with any amount of water
Shock Absorber Oil B	fork oil based on mineral oil for shock absorbers and forks / outstanding damping characteristics / high suspension comfort / outstanding wear protection / viscosity: SAE 5W
ACP Spray	universal lubricant for all components and parts / provides reliable protection against corrosion / highly adhesive and extremely penetrating / loosens dirt and contaminants
Chain-adhesive Spray	special lubricant for heavily loaded chains of motorbikes / suited for on- and offroad bikes / very adhesive, non-dripping / reliable protection against corrosion
Multifunctional Spray	universal lubricant with graphite / suited for all mechanical components / highly penetrating / emergency lubricating properties
Univeral Cleaning Spray	cleaner for brakes and chains, degreases / lubricates and protects / highly penetrating / fast drying without residues
KO-6 Spray	solvent-based anti-corrosion fluid / suitable for a wide range of applications / water-displacing / penetrates and gets under rust / provides temporary protection against corrosion
Creep Oil Spray	highly effective against moisture and creeping currents / provides temporary protection for metal surfaces during transport and storage / penetrates and dissolves rust

Lubricants for

Motorbikes, scooter, karts and quads



www.addinol.de



Choose the right engine oil

Quick, simple, safe

Decisive for the selection are the operating instructions of your vehicle. Under the point »engine oil« the manufacturers lay down which oil is allowed to be used. Here they give details about:

- viscosity and/or SAE-grade
- specifications.

Specifications have different combinations of numbers and/or letters. These combinations indicate the oil type and the required performance level. Thus, the respective details are given on all ADDINOL packages and in this flyer.

The combinations of numbers and letters are easy to understand.

Viscosity – it describes the oil's flow behaviour. Engine and transmission oils are classified into SAE-grades (Society of Automotive Engineers). The flow behaviour of the oil depends on the temperature. (In winter low viscosity oils SAE 10W or SAE 20W used to be applied. In summer one changed to highly viscous oil in SAE 40 or 50.) Modern multi-grade oils, as for instance ADDINOL Pole Position SAE 10W-50, are all-season oils ensuring reliable lubrication at all temperatures.

JASO – the specifications of the Japan Automobile Standards Organization apply primarily to Japanese vehicles. The JASO specifications are classified into group **M** for **four-stroke engines** and **F** for **two-stroke engines**. Oils belonging to group M are further divided into the categories MA and MB differing regarding their friction coefficients at wet clutches. Currently JASO MA-2 and JASO FD describe the highest requirements for four-stroke and two-stroke engines respectively.

API – the American Petroleum Institute issues specifications for gasoline and diesel engine oils as well as transmission oils based on strict testing methods. Class **S** is valid for **four-stroke engine oils**, **T** for **two-stroke engine oils**. The second letter indicates the requirement level. Class API TC+ is a classification of lubricant manufacturers and means that the specification API TC is outperformed; i.e. the performance level is between API TC and API TD.

ISO – oils for two-stroke motorbikes are also classified according to the lubricant guidelines of the International Organization of Standardization (ISO-L) in Europe. Here currently valid ISO-classes are EGB, EGC and EGD with ISO-L-EGD describing the highest performance at the moment.

Please follow the operating instructions of your vehicle

On the safe side

With engine oils of ADDINOL:



superior engine cleanliness by outstanding cleaning performance

reliable wear protection for long engine lifetimes

excellent starting and warming up behaviour due to good low-temperature characteristics (fuel-efficiency)

stable lubricating film under all operating conditions

improved friction behaviour for low fuel consumption

stable viscosity and low oil consumption by reduced evaporation losses

perfect protection for catalytic converters and other exhaust treatment systems (please follow instructions of your vehicle manufacturer!)



Excellent corrosion protection

Stable lubricating film

Reliable wear protection

High penetrating ability

Strong cleaning effect



One spray, many applications!

ADDINOL Care Protect is a fully synthetic multi-purpose spray offering excellent protection against corrosion and wear. It is easy to use and ideal for care, repairs and maintenance of vehicle components and parts in workshops and garages. It also has a wide range of uses around the garden, home and for hobbies.

Our Research & Development

Keeps setting standards



Research & development is one of the core competencies of our company. ADDINOL provides intelligent solutions which guarantee optimum lubrication and ensure responsibility towards the environment at the same time.

In close co-operation with leading vehicle manufacturers ADDINOL develops the required products at the latest state of ever progressing art, specifically tailored to modern engine technologies and exhaust treatment systems



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GERMAN QUALITY since 1936

ADDINOL Lube Oil GmbH develops and manufactures state-of-the-art lubricants designed to meet the most demanding requirements in the automotive and industrial sectors.

ADDINOL's automotive range includes engine and transmission oils that meet the highest internationally recognised specifications. The outstanding quality of ADDINOL lubricants for all motor vehicles and commercial vehicles is further evidenced by more than 150 specific approvals from leading OEMs (Original Equipment Manufacturers).

The ADDINOL Pole Position range for modern four-stroke and two-stroke motorcycle engines and the ADDINOL Legends range for classic vehicles with their specific requirements ensure optimal performance. The range is complemented by a selection of practical sprays as well as the appropriate care products and accessories.

With distribution partners in more than 120 countries, ADDINOL is represented on every continent. The experts at ADDINOL possess comprehensive tribological know-how and a wealth of experience. With our range of over 650 high-performance lubricants and comprehensive services, we offer the optimum solution for your lubrication-related applications.

ADDINOL – Strong performance