



THE ORIGINAL!

OLDTIMER OILS

PRODUCT OVERVIEW

HISTORY

MORE THAN 100 YEARS OF
OIL RUNNING THROUGH OUR VEINS



Oest offers more than 100 years of experience in the development and manufacture of first-class engine oils. With passion and pioneering spirit, Johann Georg Oest founded the Georg Oest and Cie. factory for technical oils and greases with the very successful Östol brand in 1915, in the middle of World War I. The pioneering spirit and passion for the best engine oils has never dwindled at Östol – not even today.

From an early stage, Oest was developing new products in the laboratory and tested the quality and performance in

every day racing. From the twenties, the oil and lubricant manufacturer was active in motor sport, particularly at the nearby Solitude Ring near Stuttgart. A lot of vehicles in the races were filled with engine and gear oils produced by Östol. At the same time, drivers in Formula 3 were sponsored too. In 1952, for example, Willi Zimmermann triumphed with BMW, who were supported by the Östol Racing Team at the time. Oestol was one of the main sponsors of the legendary first Ruhestein hill climb event in 1946. More than 30,000 enthusiastic spectators gathered on the course to witness over one hundred drivers and vehicles in different categories.

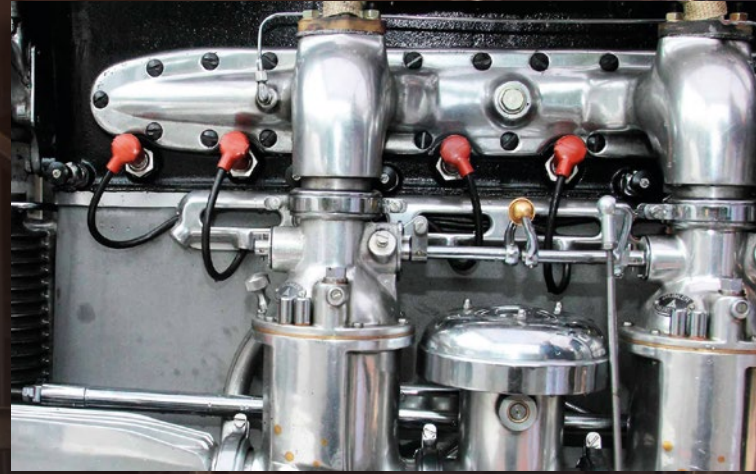
WHY USE GOOD ENGINE OIL FOR YOUR CLASSIC CAR?

More than two thirds of German classic car drivers use unsuitable engine and gearbox oils. Many half-truths about the quality and use of lubricants are not only circulating on internet forums and blogs: these can also be found in print media and on television.

It is a common misconception that the quality of a lubricant can be judged solely on the DIN or API classification. Moreover, numerous product tests are based only on fresh oils, which are examined in the laboratory. During these examinations, the conformity with DIN, API or ACEA is ascertained, i.e. whether a lubricant in its fresh state is within the required specification. However, this is just a snapshot of the new state and does not allow substantiated conclusions about the shearing behaviour (the change in viscosity when influenced by temperature and pressure), the quality in relation to useful life, heat resistance, abrasion and dirt absorption behaviour. And this does not even include the raw material origin or even environmental aspects in the production, the distribution up to waste oil collection.

The problem: With engine and gearbox oils, poor quality and stability of lubricants are not detected straight away. Even a professional can only recognise the quality using laboratory analysis methods. It is the engine, gearbox, surfaces and seals that suffer—often unnoticed at first. These recognisable traces only show up during the course of time. Depending on the vehicle load and usage, expensive long-term damage can occur, that could have been avoided with the proper use of appropriate lubricants and filters.





QUALITY

REQUIREMENTS FOR TOP QUALITY PRODUCTS

The quality of a lubricant is determined first and foremost by the raw materials used. The main components of a lubricant are the base oils. The type and quantity of the base oils in a product determine the viscosity temperature behaviour, oxidation resistance and the responsiveness of additives. In the field of base oils, there are various qualities and places of origin. In addition to primary distillates, you can also find re-distillates on the markets that are prepared from waste oil. High quality base oil with the required, long-lasting properties has its price. Oest solely uses primary distillates of top quality for its products.

ADDITIVES AND THEIR IMPORTANCE

Additives are blended into a base oil to better adapt the lubricant to specific requirements such as shear behaviour. Suitable additives influence the viscosity stability, sludge-carrying capacity, water resistance and abrasion resistance. A wrong or too highly concentrated addition of additives may also have a negative impact in the long term and, for example, destroy seals. Caution is particularly advisable with seals of an older design. The materials used then are not as resistant to chemicals as modern sealing materials. It is a fine line between not enough additives being added and too concentrated. Seals should ideally 'swell' a little but should never 'erode'. The interaction, i.e. the compatibility of individual components with each other – from the base oil to each additional additive – is crucial.



MILEAGE AND USAGE PATTERN

A good lubricant proves itself in every day usage. The majority of lubricants withstand a few hundred kilometres and retain their properties. Then the 'wheat' is separated from the 'chaff' and this is exactly when the quality of raw materials used and the expertise and experience of the manufacturer become fundamentally important. Even when a vintage car only covers 1500 kilometres per year, an oil that may satisfy standards but is poor in terms of quality can cause considerable damage. Many vehicle owners can reduce long-term repair costs by using the right lubricant and adhering to the maintenance intervals optimised to their own usage patterns. Then oil loses its properties over the course of time through an ageing process – even with low mileages. Sadly, lubricant does not make a vehicle nicer. For this reason and along with a lack of knowledge about high quality lubricants, savings are made – often in the wrong place, as it transpires at a later stage.



ASSUR

RIGHT APPROACH TO NON-FERROUS METALS

More likely to be rare, but still worthy of a mention: check whether non-ferrous metals form part of your vehicle's lubrication circuit. If non-ferrous metals have been installed e.g. in the gearbox, only oils with a rating up to API-GL3 may be used, otherwise the non-ferrous metals will be attacked and then corrode.

OWN PRODUCT DEVELOPMENT EXPERIENCES MEETS HIGH-TECH

In addition to the quality of the raw materials used, expertise and experience also play a key role in relation to labour and production. Pure retailers do not develop their products themselves. But there are also differences between manufacturers too. Only fully integrated manufacturers are responsible for everything in house, from their own product development, to raw material selection, right up to certified quality management in production and logistics. Economic and ecological aspects play an increasingly important role in the selection of product. Lubricants are chemical products that are first of all harmful to nature and living creatures. A high level of awareness and great responsibility from all suppliers in the process chain are proven necessary to have a sustainable and positive impact on the carbon footprint of the company's own product. Oest only uses raw materials from accredited suppliers in Europe for the manufacture of its Östol Oldtimer Oils. Regular internal and external audits ensure compliance with the stringent environmental and quality requirements.

MADE IN GERMANY

And finally there is the aspect of social responsibility. Oest manufactures its entire range of lubricants for cars, tractors and motorcycles exclusively in Germany. The company founded in 1915 in the northern Black Forest run a state-of-the-art research and development laboratory with various test stands from its site in Freudenstadt.



ANCE



PASSIONATE ABOUT ÖSTOL

Östol is present at many important classic car shows and events. A good opportunity to gather information about the topic of engine oil. Outside of these shows, competent advice is available by phone or from oestol@oest.de.

The Östol rally team can be found at the Freudenstadt site. Consisting of volunteers who for the love of classic cars maintain our vehicles, take part in trips and organise club visits. The fleet includes a VW T2A Östol Service Bus, a Ford Eifel Roadster Karmann, a Jaguar E-Type Roadster Series II, a Mercedes SL 190, a Porsche 356, a Ford Taunus and an Opel Admiral as well as various tractors and motorcycles.

At classic car rallies, Östol is not just active as a participant at the start, but as a sponsor too. Examples include the legendary Baiersbronn Classic and the Passione Caracciola, which Östol sponsors together with Mercedes-Benz, IWC, Julius Bär and other top brands.

Classic car owners, workshops, specialists and professionals alike are all convinced by the quality of Östol Old Timers Oils 'Made in Germany'. The General German Automobile Club ADAC changed to Östol for all their assistance vehicles – the vehicle inspection company DEKRA Classic Services also relies on the top quality and has included Östol Oldtimer Oil in its product range as a 'special edition'.

PASSION



Östol is also sponsor of the successful racing team Kremer and finds therefore its position in the racing sport. The team takes part with Porsche vehicles in national and international races since 1964 and captured many important victories such as the 24 hours race of Le Mans in 1979. You can also see the Östol Porsche taking part in historical races such as the OGP at the Nürburgring.





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PRODUCT



ÖSTOL PRODUCT OVERVIEW

MULTI-GRADE ENGINE OILS – MILDLY ALLOYED

Page 11

SAE 15W-50

SAE 20W-50

The SAE 15W-50 and 20W-50 mildly alloyed multi-grade engine oils by Östol are suitable for the majority of classic and modern classic cars built in the 1960s and built later, but also for several older models with rebuilt engine. They are ideal for all-year-round operation.

SINGLE GRADE ENGINE OILS – MILDLY ALLOYED

Page 11

SAE 10

SAE 20

SAE 30

SAE 40

SAE 50

The mildly alloyed single grade engine oils by Östol contain a small proportion of additives that aid the ageing and wear protection. These oils are suitable for vehicles built in 1935–1950 that have previously used single grade oils.

SINGLE GRADE ENGINE OILS – UNALLOYED

Page 12

SAE 30

SAE 40

SAE 50

The unalloyed single grade engine oils by Östol do not contain any modern additives that could attack for example seals and built-in parts made of non-ferrous metals. As a result, these oils are particularly suitable for pre-war vehicles built from 1910–1930, without overhauled engines.

SINGLE GRADE GEARBOX OILS – MILDLY ALLOYED

Page 12

SAE 80

SAE 90

SAE 140

The mildly alloyed, non-ferrous compatible single grade gearbox oils by Östol ensure stable overheating behaviour. These are suitable for numerous manual and rear axle gearboxes. However, they cannot be used for automatic gearboxes.

MULTI-PURPOSE GREASE

Page 12

LT 190 EP

The high-quality Östol LT 190 EP multi-purpose grease is versatile. It reduces wear and provides reliable protection against heat, oxidation, water and high pressure loads. An essential, not just in classic car workshops!

OVERVIEW

MULTI-GRADE ENGINE OILS – MILDLY ALLOYED

Östol Oldtimer Oil SAE 15W-50

Classification: **API-SG/CF**



A mildly alloyed multi-grade engine oil based on mineral base oils. Ideal for younger classic cars from the 1970s and 80s with petrol and diesel engines, with or without turbochargers. Ideal for all-year-round operation.

- Optimised cold start properties
Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at every operating temperature in all-year-round operation

Östol Oldtimer Oil SAE 20W-50

Classification: **API-SF/CD**



A mildly alloyed multi-grade engine oil based on mineral base oils. Ideal for classic cars from the 1960s and 70s with petrol and diesel engines, with or without turbochargers.

- Aids engine leak tightness
Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature even with hot oil and heavy loads

SINGLE GRADE ENGINE OILS – MILDLY ALLOYED

Östol Oldtimer Oil SAE 10

Classification: **API-SF/CC**



A mildly alloyed single grade engine oil, ideally suited to non-turbocharged petrol and diesel engines in older vehicles, with or without oil filters. This oil is ideal for usage in winter only.

- Excellent cold start properties
- Quickly covers all engine parts
- Oil pressure available immediately
- Protects materials, even seals and paint finishes
- Can also be used as flushing oil

Östol Oldtimer Oil SAE 20

Classification: **API-SF/CC**



A mildly alloyed single grade engine oil, ideally suited to non-turbocharged petrol and diesel engines in older vehicles, with or without oil filters. The oil is best suited for winter operation and spring and autumn temperatures.

- Good cold start properties
- Low oil consumption
- Protects materials, even seals and paint finishes
- Performance stability from cold starting to continuous operation

Östol Oldtimer Oil SAE 30

Classification: **API-SF/CC**



A mildly alloyed single grade engine oil, ideally suited to non-turbocharged petrol and diesel engines in older vehicles, with or without oil filters. This oil is ideal for summer usage in temperate climates.

- Aids engine leak tightness
Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

Östol Oldtimer Oil SAE 40

Classification: **API-SF/CC**



A mildly alloyed single grade engine oil, ideally suited to non-turbocharged petrol and diesel engines in older vehicles, with or without oil filters. Optimal at low oil pressure. This oil is ideal for usage in summer only.

- Aids engine leak tightness
Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

Östol Oldtimer Oil SAE 50

Classification: **API-SF/CC**



A mildly alloyed single grade engine oil, ideally suited to non-turbocharged petrol and diesel engines in older vehicles, with or without oil filters. Optimal at low oil pressure and with hot oil. Ideal for high temperatures. Do not use below 10 °C!

- Aids engine leak tightness
Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

SINGLE GRADE ENGINE OILS – UNALLOYED

Östol Oldtimer Oil SAE 30, unalloyed

Classification: **API-SA**



A pure acid- and resin-free single grade engine oil, ideally suited to engines from the 1920s and 30s, without oil filters.

- Aids engine leak tightness
- Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

Östol Oldtimer Oil SAE 40, unalloyed

Classification: **API-SA**



A pure acid- and resin-free single grade engine oil, ideally suited to engines from the 1920s and 30s without oil filters.

- Aids engine leak tightness
- Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

Östol Oldtimer Oil SAE 50, unalloyed

Classification: **API-SA**



A pure acid- and resin-free single grade engine oil, ideally suited to engines from the 1920s and 30s, without oil filters.

- Aids engine leak tightness
- Reduced oil consumption
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads

SINGLE GRADE GEARBOX OILS – MILDLY ALLOYED

Östol Oldtimer Oil SAE 80 gearbox oil

Classification: **API-GL3**



A mildly alloyed single grade gearbox oil based on mineral oil. This oil ensures optimum low temperature properties as well as stable overheating behaviour.

- Aids gearbox leak tightness
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature, even with hot oil and heavy loads
- Very good non-ferrous metal compatibility

Östol Oldtimer Oil SAE 90 gearbox oil

Classification: **API-GL3**



A mildly alloyed single grade gearbox oil based on mineral oil. This oil has good low temperature properties as well as stable overheating behaviour.

- Aids gearbox leak tightness
- Protects materials, even seals and paint finishes
- Stable performance at any operating temperature even with hot oil and heavy loads
- Very good non-ferrous metal compatibility

Östol Oldtimer Oil SAE 140 gearbox oil

Classification: **API-GL3**



A mildly alloyed single grade gearbox oil based on mineral oil. This oil ensures stable overheating behaviour and has a sound-absorbing effect. Ideal for summer use.

- Aids gearbox leak tightness
- Very good sound absorbance
- Protects materials, very good non-ferrous metal compatibility
- Stable performance at any operating temperature, even with hot oil and heavy loads

MULTI-PURPOSE GREASE

Östol multi-purpose grease LT 190 EP

DIN 51502: **KP 2 K-30**



The Östol multi-purpose grease LT 190 EP is manufactured using only high-grade raw materials. The grease features exceptional resistance to heat, oxidation, water and high pressure loads (NLGI consistency number 2) The drop point is at +175 °C and the usage temperature ranges from -30 °C to +120 °C.

MERCHANDISE LIMITED EDITION

1 Östol Messenger-Bag

MATERIAL: Buffalo leather

COLOUR: Brown

DIMENSIONS:

H 18 cm x W 29 cm x D 9 cm

- Large main compartment, two zipped pocket on inside + mobile phone pocket
- Detachable shoulder strap
- Water repellent inner lining
- High quality embossed Östol logo on the outside of the bag and on the shoulder strap

2 Östol overnight bag

MATERIAL: Buffalo leather

COLOUR: Brown

DIMENSIONS:

H 33 cm x W 60 cm x D 32 cm

- Large main compartment with zip
- Extra zipped outer pocket
- Detachable shoulder strap
- Reinforced handles
- Complete with water repellent inner lining and reinforced bottom
- With high quality embossed Östol logo on the outside and on the shoulder strap

3 Östol tool roll

MATERIAL: Buffalo leather

COLOUR: Brown

DIMENSIONS:

H 32.5 cm x W 69 cm (unrolled)

- 15 pockets for your tools (supplied WITHOUT tools)
- Exceptional design thanks to decorative stitching and high quality embossed Östol logo
- Particularly sturdy due to leather reinforcement

4 Östol leather belt

MATERIAL: Full-grain cow hide

COLOUR: Brown or black

DIMENSIONS: Belt width approx. 35 mm
Length 105 cm – can be shortened as required

- Made in Germany
- High quality finish with embossed Östol logo
- Buckle made of brushed stainless steel
- Includes gift wrapping

You can also find all of our merchandising items in our online shop at www.oestol.de



ND ISING

5 Östol document folder

MATERIAL: Buffalo leather

COLOUR: Brown

DIMENSIONS: H 27 cm x W 35 cm x D 4 cm

- 3 document compartments, 2 slip pockets, 9 card slots, pen holder
- High quality finish with embossed Östol logo
- Removable ring binder

6 Östol mug

MATERIAL: First class porcelain

BRAND: Seltmann Weiden

SIZE: 250 ml, diameter 75 mm, H 90 mm

STYLE: Oil barrel with crimp

DESIGN: Östol red with original motive of the retro metal container

- Top quality kiln fired, durable and suitable for dishwashers
- Perfect for a nostalgic cup of tea or coffee

7 Östol oil can

MATERIAL: Sheet metal

SIZE: 1 litre

- With embossed Östol logo
- 'Non-drip' spout
- With retro-style quantity specification about contents
- Practical for changing engine oil with original Östol Oldtimer Oils
- A great collector's and exhibition accessory in a classic style

8 Östol Silk scarf

MATERIAL: 100% genuine silk, twill

SIZE: appr. 90x90 cms

- High-quality oprint with Östol logo in one corner
- Care label sewed on

9 Östol cap

MATERIAL: 100% cotton

COLOUR: Beige

BRAND: Robin Ruth

SIZE: Universal

- With high quality embroidered 3D Östol logo and lettering 'Since 1915'
- Inverse logo on visor
- Adjustable Velcro closure
- Padded inner band

10 Östol metal sign

MATERIAL: Sheet steel

SIZE: approx. 400 mm x 600 mm

- High quality retro metal sign with attractive Östol design
- Specially printed, painted and embossed
- Rounded corners
- Four fixing holes, edging to hang optimally
- Finished with corrosion protection





MORE THAN
100 YEARS
OF EXPERIENCE

 facebook.com/oestol

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