

RAVENOL®

MOTORBIKE CATALOG 4-T USVO



www.ravenol.de



If you choose RAVENOL engine oils, you've made a safe choice for both yourself and your motorbike. As a full-range provider to the automotive sector, RAVENOL offers over 550 high-quality products to its discerning customers.

Premium products with the quality seal – MADE IN GERMANY

RAVENOL is one of the most renowned companies in the sector and stands out as a provider of the latest lubricant technologies developed based on close collaboration with leading vehicle and engine manufacturers. The company also stands out particularly for its research and development in motor racing – from karting right through to the elite class of Formula racing. In the company's state-of-the-art, in-house laboratory, these high-quality products are formulated to meet the most exacting quality requirements of the automotive industry and even to exceed the latest standards.



A global player with a sense for regional values

Founded approximately 75 years ago as a local family-run company, RAVENOL now markets its products in 90 countries and is known as a reliable supplier offering excellent service. We offer our customers an extensive range of lubricants and care products: Engine oils for passenger cars and trucks, racing oils, transmission oils for automatic and manual gearboxes and drive axles, agricultural machinery oils, hydraulic oils, industrial oils, special products, greases, high-performance lubricants, vehicle maintenance products, cleaners, winter chemicals and anti-freezes.



Your motorbike...

... requires a great deal of attention and sufficient care, in a different way than a car does. That's why RAVENOL offers an extensive product portfolio specifically for motorbikes and their particular requirements: from 4-T engine oils with the latest USVO technology to special multigrade transmission oils and spray oils, chain lubricants, carburettor cleaners through to care and cleaning products which are gentle on paintwork.

The high-performance engines of modern bikes often get twice the power out of the same cubic capacity compared with modern passenger car engines! Bikes can do this thanks to extremely high revolutions per minute!

The higher the rpm, the higher the operating temperatures. This means that in certain areas of the engine, at full throttle, temperatures of up to 350°C may be reached.

The oxidation value, i.e. the ageing of the oil, increases with rising temperatures! Above a temperature of 60°C, the service life of the oil reduces by 50% with every additional temperature increase of 10°C!



It's not only the high operating temperatures, but also the extreme engine performance that make the engine oil have to work harder to protect the engine components from wear and sludge formation while simultaneously guaranteeing perfect transmission and clutch performance.

The RAVENOL Racing 4-T Motobike series with USVO technology exclusively uses Group 4&5 synthetic base oils, so-called polyalphaolefins (PAO) and esters which have far superior characteristics when compared with conventional base oils.

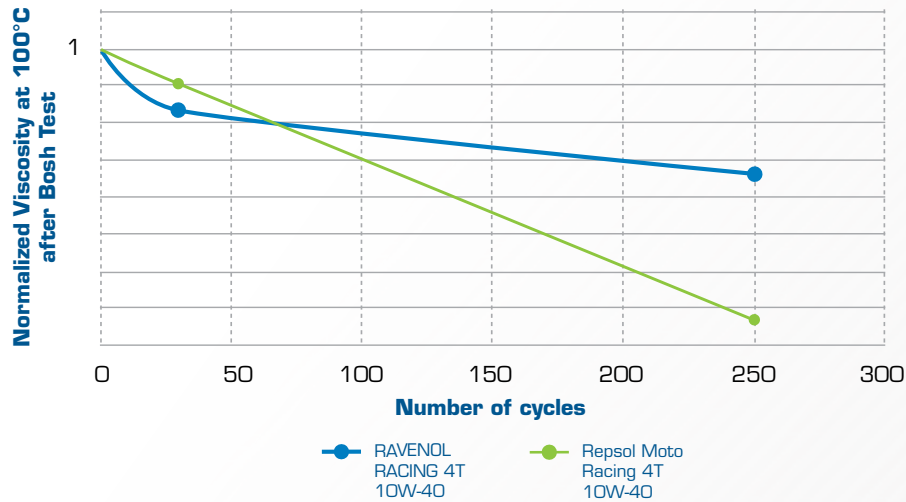
Compared with conventional oils, these base oils offer better low-temperature properties as well as significantly higher oxidation stability which becomes evident thanks to the extended oil-change intervals. Not only this, but these oils have greater shear stability, i.e. they retain their viscosity (flowability, or resistance to flow) better as they do not require the addition of viscosity improvers (polymers, plastics), which cause sludge formation in engines. The USVO technology also ensures that the oil film is extremely stable and has a very high pressure absorption capacity, which is reflected in its excellent wear protection properties and improved performance.

RAVENOL Racing 4-T Motobike products offer better engine protection due to reduced friction and sludge formation and longer oil-change intervals. They will ensure that your bike performs even better!

You can find a detailed explanation of the respective technical test parameters that explain the unbeatable performance of the Racing 4-T Motobike series in this newsletter!

The test results of the RAVENOL products and some well-known competitors are shown in the following table. The full presentation and all test results are available on request from your sales representative.

	Specs	Repsol Moto Racing 4T 10W-40	RAVENOL RACING 4T 10W-40
Viscosity at 100°C	12,5-16,3	13,98	15,23
MRV (-30°C)	max 60000	15900	11700
HTHS (150°C)	min 3,5	4	4,87
NOACK	max 20	6	4,6
Flash Point	N.A.	224	242
Pour Point	N.A.	-36	-60
Sulfated Ash	max 1,2	0,72	0,85
Four-Ball method anti-wear properties	N.A.	0,5	0,34
Determination of the shear stability of polymer-containing oils using a diesel injector nozzle (250 cycles)	N.A.	12,96	14,72
SSI 250 cycles		7,30	3,35
Oxidation Induction Time OIT temperature 210 °C	N.A.	31	40

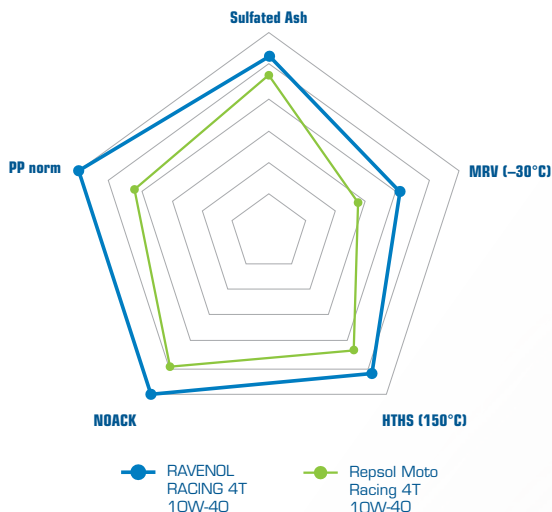


Measurement of wear protection and pressure load properties

The RAVENOL four-ball tester according to DIN 51350 is used to determine the values for lubricants which are exposed to surface pressure in a system with parts in relative motion to one another. In addition to the shear stability at high pressures, the wear protection behaviour when the pressure build-up is low can also be determined.

The four-ball tester is a common test procedure in the lubricant industry and it is used for product development and quality control.

The four-ball system consists of three fixed balls of the same size (stationary balls) and one rotating ball (load ball). The lubricant being tested is then poured over the stationary balls until they are completely covered. Using a lever device and a staged regulation of the test weights, different loads are generated and the corresponding characteristic values for abrasion, friction and welding are determined.



The higher the welding force or the lower the wear values of an oil or grease, the better its wear protection when subjected to pressure load. Ravenol Racing 4-T Motobike 10W-40 has achieved the best values by far out of all the products that have been tested.

Measurement of the low-temperature properties: how quickly is the oil distributed around the engine?

A Mini Rotary Viscosimeter is a device which can be used to measure how well an engine oil can be pumped at low temperatures and with a defined temperature profile. The result is stated in millipascal seconds (mPas) and is based on a temperature of -40°C here.

The lower the mPas value in this test procedure, the easier and therefore quicker it is for the engine oil to be pumped, and it can therefore lubricate the engine at low temperatures.

Ravenol Racing 4-T Motobike 10W-40 has achieved the best values by far out of all the products that have been tested.

Measurement of the Mechanical Shear Stability: How well does the oil retain its viscosity?

Mechanical shear stability is the resistance of polymers to mechanical degradation under shear stress. It is dependent on the molecular weight (size of the molecule), the structure and the physical characteristics of the polymer additive.

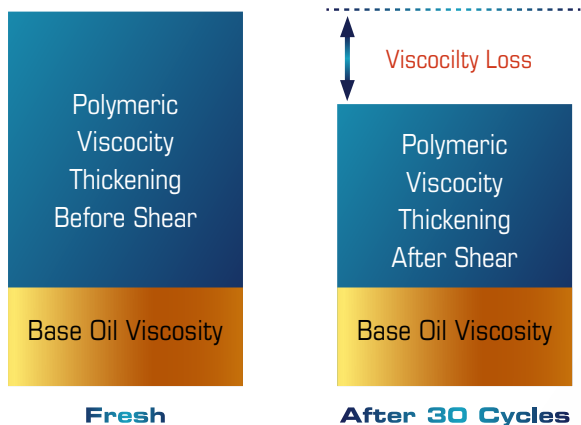
The lower the value (difference compared with the first viscosity measurement), the better.

The SSI value is calculated according to the following formula:

$$SSI = 100 \times (V_0 - V_s) / V_0$$

SSI = Permanent Shear Stability Index, V_0 = viscosity of the unsheared oil

$V(s)$ = viscosity of the sheared oil



Kurt Orbahn (KO) Test

The main component of the test station is a diesel injector nozzle, through which oil is pumped at a pressure of 175 bar using a Bosch unit injector system. When flowing through the small opening in the injector nozzle, the mechanically unstable molecules of the polymer break up and the oil becomes more fluid.

Parameter	Unit	Value
Injector nozzle	-	Bosch DN 8 S2
Nozzle holder	-	Bosch KD 43 SA 53/15
Diesel injection fuel pump	-	Bosch PE 2A 90C 300/3S 2266
Electric motor	Kw / RPM	1.1 / 925±25
Dead volume	ml	20±5
Injector breaking pressure	bar	175
Flow rate	ml per minute	170±5
Power	V/Hz/Ph/HP	415/50/3/1.5

Measurement of the oxidation resistance of the oil: How well is the oil protected against ageing?

The Oxidation Induction Time Test (OIT) in accordance with ASTM D6186:2019, as conducted in a Pressure Differential Scanning Calorimeter (PDSC), is used to predict the thermooxidative performance of a lubricant. The samples are kept under pressure in an oxygen atmosphere

at an elevated temperature, and the time period before the onset of degradation is measured (as indicated by the initiation of an exothermic process in the DSC gauge). OIT is a sensitive measure of the content of antioxidant additives or of base oils that are less susceptible to oxidation in the lubricant.

The longer the measured time period, the more resistant the formulation.

Racing Motobike 4-T USVO®



RAVENOL Racing 4-T Motobike

10W-40 | SN | JASO MA2

Fully synthetic 4-stroke motorcycle engine oil that was specially developed for racing use with USVO® & CleanSynto® technology. It is designed 100% on a PAO and ester basis.

Aprilia; BMW; Ducati; Honda; Kawasaki; Moto-Guzzi; Suzuki; Triumph; Yamaha; etc.

Art.-Nr.: 1171106



RAVENOL Racing 4-T Motobike

10W-50 | SN | JASO MA2

Fully synthetic 4-stroke motorcycle engine oil that was specially developed for racing use with USVO® & CleanSynto® technology. It is designed 100% on a PAO and ester basis.

Aprilia; BMW; Ducati; Honda; Kawasaki; KTM; Moto-Guzzi; Suzuki; Triumph; Yamaha; etc.

Art.-Nr.: 1171107



RAVENOL Racing 4-T Motobike

10W-60 | SN | JASO MA2

Fully synthetic 4-stroke motorcycle engine oil that was specially developed for racing use with USVO® & CleanSynto® technology. It is designed 100% on a PAO and ester basis.

Aprilia; BMW; Ducati; Honda; Husqvarna; Kawasaki; KTM; Moto-Guzzi; MV Agusta; Suzuki; Triumph; Yamaha; etc.

Art.-Nr.: 1171108



RAVENOL Racing 4-T Motobike

15W-50 | SN | JASO MA2

Fully synthetic 4-stroke motorcycle engine oil that was specially developed for racing use with USVO® & CleanSynto® technology. It is designed 100% on a PAO and ester basis.

Aprilia; BMW; Ducati; Honda; Kawasaki; Moto-Guzzi; Suzuki; Triumph; Yamaha; etc.

Art.-Nr.: 1171109



Motobike Standard



RAVENOL Motobike 4-T Ester

SAE 5W-30 | SM | JASO MA, MA2

High performance fully synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1171101



RAVENOL Motobike 4-T Ester

SAE 5W-40 | SM | JASO MA, MA2

High performance synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1171102



RAVENOL Motobike 4-T Ester

10W-30 | SM | JASO MA, MA2

High performance semi-synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1172111



RAVENOL Racing 4-T Motobike

10W-40 | SM | JASO MA, MA2

High performance semi-synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006 M049RAV112, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1172112



RAVENOL Motobike 4-T Ester

10W-50 | SM | JASO MA, MA2

High performance fully synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1171103



RAVENOL Motobike 4-T Ester

10W-60 | SM | JASO MA, MA2

High performance fully synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1171104



RAVENOL Motobike 4-T Mineral

15W-40 | SL | JASO MA, MA2

High performance mineral motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1173121



RAVENOL Motobike 4-T Ester

15W-50 | SM | JASO MA, MA2

High performance semi-synthetic motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1172113



RAVENOL Motobike 4-T Mineral

20W-40 | SM | JASO MA2

High performance mineral motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006 M049RAV123, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1173123



RAVENOL Motobike 4-T Mineral

20W-50 | SM | JASO MA2

High performance mineral motor oil with ester additive to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

JASO MA2 T903:2006 M049RAV122, Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1173122



RAVENOL Motobike 4-T Standard

20W-50 | JASO MA2

High performance mineral motor oil to meet the demanding requirements of motorcycle engines with wet clutches or oil lubricated clutches.

Art.-Nr.: 1173133

Motobike Standard



RAVENOL Motobike V-Twin Fullsynth.

20W-50

High performance 3 in 1 fully synthetic lubricant for motor, gear and crankshaft. Specifically designed for use in cruiser and chopper motorcycles.

BMW Cruiser Motorcycles, Harley Davidson 62600005, 62600031, Honda 08C35-A251M01, 08C35-A251L01, Indian Motorcycles, Victory Motorcycles, Yamalube LUB20W50AP04, LUB20W50AP12, Triumph Motorcycles, Moto Guzzi Motorcycles, Suzuki V-Twin Motor Oil

Art.-Nr.: 1171105



RAVENOL Motobike V-Twin Mineral

20W-50

High performance 3 in 1 mineral lubricant for motor, gear and crankshaft. Specifically designed for use in cruiser and chopper motorcycles.

BMW Cruiser Motorcycles, Harley Davidson 62600005, 62600031, Honda 08C35-A251M01, 08C35-A251L01, Indian Motorcycles, Victory Motorcycles, Yamalube LUB20W50AP04, LUB20W50AP12, Triumph Motorcycles, Moto Guzzi Motorcycles, Suzuki V-Twin Motor Oil

Art.-Nr.: 1173105

Fork Oil



RAVENOL Fork Oil Ultra Light 2,5W, Light 5W

2,5W | 5W

Fully synthetic fork oil based on ester oils for all forks of high performance motorcycles, especially for SHOWA and USD-forks.

Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1182101, 1182102



RAVENOL Fork Oil Medium 10W, Heavy 15W, Very Heavy 20W

10W | 15W | 20W

Mineral oil based fork oil for all forks of road and off-road motorcycles.

Yamaha, Kawasaki, Honda, Aprilia, BMW, Suzuki, Ducati, Triumph, Moto-Guzzi

Art.-Nr.: 1182104, 1182105, 1182106

Transmission oil



RAVENOL Motogear

75W-90 | GL-4

Fully synthetic low friction gear oil with especially formulation for extremely stressed manual transmission and rear axles.

Art.-Nr.: 1250050



RAVENOL Motogear

80W-90 | GL-4

Transmission oil based on mineral oil with effective additives for manual transmissions.

Art.-Nr.: 1250055



RAVENOL Motogear

80W-90 | GL-5

Hypoid transmission oil based on mineral oil with special high pressure additions for manual transmissions.

Art.-Nr.: 1250070



RAVENOL Motogear

10W-30 | GL-4

Semi-synthetic special multigrade gear oil, especially for air and water-cooled 2- and 4- stroke machines with a separate gear lubrication.

YAMAHA

Art.-Nr.: 1250100



RAVENOL Motogear

10W-40 | GL-4

Semi-synthetic special multigrade gear oil based on synthesis technology and special esters for easily switching also under extremely hard operating conditions.

Art.-Nr.: 1250101



RAVENOL Quadrogear

Synthetic special axle oil developed for Quads and ATV with an integrated wet brake.

KAWASAKI, YAMAHA, BOMBARDIER, SUZUKI

Art.-Nr.: 1250200

Additives



RAVENOL Motobike System Cleaner Shot

Fuel additive with high levels of cleaning and anti-corrosion additives for all motorcycle gasoline injection engines, which increases the performance of the engine.

Art.-Nr.: 1390401



RAVENOL Motobike Engine Cleaner Shot

Highly effective cleaning concentrate for the oil circuit for efficient cleaning of all motorcycle engines (with and without catalytic converter)

Art.-Nr.: 1390402



Brake Fluid



RAVENOL DOT 4

ISO 4925 | FMVSS 116 DOT 4

DOT 4 Brake Fluid for all vehicles with ABS-Characteristics.

SAE J1704

Art.-Nr.: 1350601



RAVENOL DOT 4 LV

ISO 4925 (6) | FMVSS 116 DOT 4

Brake and Clutch Fluid which conforms to and exceeds the latest ISO 4925 Class 6 standard. Especially suitable for low temperatures.

Art.-Nr.: 1350605



RAVENOL DOT 5.1

ISO 4925 | FMVSS 116 DOT 5.1

DOT 5.1 Brake fluid for all vehicles with ABS-characteristics, that require this specification.

Art.-Nr.: 1350602

2- and 4-Stroke Engine Oils



RAVENOL QUAD 4T

10W-40 | SL | JASO MA2

Semi-synthetic motoroil for Quads and ATV.

JASO 049RAV160, 4-Takt Quad-Motoren von KAWASAKI, YAMAHA, BOMBARDIER, SUZUKI, HONDA, u.a.

Art.-Nr.: 1152160



RAVENOL MPS Motocross Powersynth 2T

TC | ISO-L-EGD | JASO FD

High quality fully synthetic two-stroke engine oil with special esters and Polyisobutylene (PIB) for air – and water cooled 2-stroke engines. Suitable for separate lubrication systems and self-mixing systems.

KTM, Beta, GasGas, Husqvarna, Yamaha, Kawasaki, Honda, Suzuki

Art.-Nr.: 1144110



RAVENOL SCOOTER Fullsynth. 2-Taktöl

TD | ISO-L-EGD | JASO FD

Fully synthetic miscible motor oil with special esters and Polyisobutylene (PIB) for 2-stroke engines with high rotation speed for scooters. Suitable for separate lubrication and self-mixing systems. Recommended mixture: max. 1:100.

JASO FD, Aprilia, Honda, Kymco, Peugeot, Piaggio, Suzuki, Vespa, Yamaha

Art.-Nr.: 1151150



RAVENOL SCOOTER Teilsynth. 2-Taktöl

TC | ISO-L-EGC | JASO FC

High quality "self-mixing" two-stroke motor oil with special esters and Polyisobutylene (PIB) for 2-stroke engines and scooters. Low Smoke. Suitable for separate lubrication and self-mixing systems. Recommended mixture: max. 1:75.

JASO FC, Aprilia, Honda, Kymco, Peugeot, Piaggio, Suzuki, Vespa, Yamaha

Art.-Nr.: 1152150



2- and 4-Stroke Engine Oils



RAVENOL SCOOTER Mineral 2-Taktöl

TB | ISO-L-EGB | JASO FB

Mineral motor oil for 2-stroke gasoline engines and scooters. Suitable for separate lubrication and self-mixing systems. Recommended mixture: max. 1:50.

JASO FB, Aprilia, Honda, Kymco, Peugeot, Piaggio, Suzuki, Vespa, Yamaha

Art.-Nr.: 1153150



RAVENOL SCOOTER 4-Takt Fullsynth.

SN

Fully synthetic high performance green colored motor oil on the Basis of PAO for 4-stroke small engines.

Yamaha, Honda, Aprilia, Suzuki, Kawasaki, Peugeot, Arctic Cat, Bombardier, Argo, Dinli, Polaris.

Art.-Nr.: 1151155



RAVENOL SCOOTER 4-Takt Teilsynth.

10W-40 | SL

Semi-synthetic high performance green colored motor oil for 4-stroke small engines.

Art.-Nr.: 1152155

Motobike Care Products



RAVENOL Air Filter Oil Spray

Spray oil for all foam material air filters of off-road and street motorcycles and Quads.

Art.-Nr.: 1360301



RAVENOL Air Filter Clean Spray

Degreases and cleans all foam material air filters of off-road and street motorcycles and Quads thoroughly.

Art.-Nr.: 1360302



RAVENOL Kettenöl Off Road Spray

Especially for chain lubrication of off-road motorcycles and Quads.

Art.-Nr.: 1360303

Motobike Care Products



RAVENOL Kettenöl Reiniger Spray

Degreases and cleans motorcycle chains as well as the chains of other vehicles thoroughly.

Art.-Nr.: 1360304



RAVENOL Carb Reiniger Spray

Cleans carburetors in the suction and throttle valve area thoroughly.

Art.-Nr.: 1360305



RAVENOL Ketten-Spray

Lubricating spray for chains.

Art.-Nr.: 1360032



RAVENOL Teerentferner

Cleaner of tar, fats, light oxidation and stains from car lacquer.

Art.-Nr.: 1360004



RAVENOL Autosampoo

Universal concentrated liquid detergent excellent for thoroughly cleaning cars.

Art.-Nr.: 1360005



RAVENOL destilliertes Wasser

Special water for antifreeze dilution and use in accumulators.

Art.-Nr.: 1360010

Motobike Care Products



RAVENOL Glasklar

Intensive glass cleaner, ideal for all glass and mirrored surfaces both inside and outside. It easily and quickly removes traffic film, dust, dirt, fingerprints, greasy marks and nicotine haze from windows and mirrors and leaves a sparkling, smear-free finish. Also suitable for use in the home on windows, mirrors and tiled surfaces.

Art.-Nr.: 1360025



RAVENOL Bremsenreiniger Spray

A highly effective solvent-blended brake cleaner aerosol for the degreasing and cleaning of brakes, brake linings and clutch parts. Also suitable for the cleaning of electric motors, generators, hydraulic parts and many other metal components. Used by many Motorsport Teams - said to leave no white film after use.

Art.-Nr.: 1360030



RAVENOL Rostlöser MoS₂ Spray

Contains finely dispersed Molybdenum Disulfide solid lubricant for outstanding water displacement, corrosion inhibition and lubricating properties. Relaxes and loosens seized screw connections, displaces water and moisture from ignition contacts and electrical systems. The penetrating nature effectively prevents squeaks and creaks in all types of moving parts.

Art.-Nr.: 1360009



RAVENOL Cockpit-Spray

A highly effective silicon-free care spray for the cleaning and maintenance of plastic, artificial and natural leather interior surfaces of all types of motor vehicles.

Art.-Nr.: 1360031



RAVENOL Silikon-Spray

A universal lubricant and slide release agent spray for use on all types of components. Specially developed for the lubrication, care and maintenance of all types of rubber, plastic and metal surfaces and components. The water-resistant and weatherproofing properties make it especially suitable in a marine environment.

Art.-Nr.: 1360033



RAVENOL Motorstarter-Spray

A mixture of combustible solvents and compressed gases formulated to make it suitable for use in all petrol and diesel engines in passenger cars, trucks, construction equipment, all types of marine and boat engines, as well as agricultural equipment.

Art.-Nr.: 1360034



RAVENOL Zweirad-Reiniger

Cleaner of metal and plastic surfaces of motorcycles, mopeds and bikes.

Art.-Nr.: 1360058



RAVENOL Insekten-Entferner

A very high quality spray cleaner for the safe and easy removal of bug and insect contamination on glass, paint, chrome and plastic surfaces. Penetrating formula works even on dried insect residue without damaging paintwork - ideal for use as a pre-wash treatment.

Art.-Nr.: 1360059



RAVENOL Alu-Felgen-Reiniger intensiv

A very high quality, phosphate-free alloy wheel cleaner formulated to remove the toughest deposits of brake dust, traffic film, greasy marks and road dirt from alloy wheels and rims, steel wheels, plastic wheel covers as well as engine components etc.

Art.-Nr.: 1360060



RAVENOL Velour-Reiniger

High quality, phosphate-free car upholstery cleaner for the effective cleaning of all types of seat fabrics and covers, carpets and floor mats. It is also safe and suitable for use on all types of interior trim and all interior plastic surfaces in the car.

Art.-Nr.: 1360066



RAVENOL Leder-Reiniger

A phosphate-free, high quality cleaning agent for all types of leather seats and interior trims in the car. Helps to maintain the suppleness and smoothness of the leather.

Art.-Nr.: 1360067



RAVENOL Active Foam Cleaner

Universal cleaning foam to quickly clean all of your vehicle's surfaces e.g. the bodywork or racing chassis and glass surfaces.

Art.-Nr.: 1360036

Accessories



RAVENOL Messkanne 2 L

Jug cap with measuring bar. Available in 500 ml, 1 L and 2 L.

Art.-Nr.: 1370054



Plastik-Trichter o. Sieb gerade 50 mm, 75 mm, 100 mm, 120 mm, 150 mm

Plastic-funnel without sieve is suitable for filling in all kinds of liquids.

Art.-Nr.: 1370081-1370085



Plastik-Trichter m. Messingsieb 200 mm, 250 mm

Plastic funnel with brass sieve of 200 mm is suitable for filling in all kinds of liquids

Art.-Nr.: 1370086, 1370087



Plastik-Trichter abg. Ausl. + Sieb 160 mm

Plastic funnel with angled leak and brass sieve of 160 mm is suitable for filling in all kinds of liquids.

Art.-Nr.: 1370110



Plastik-Trichter flex. Rohr + Sieb 160 mm

Plastic funnel with flexible pipe and brass sieve of 160 mm is suitable for filling in all kinds of liquids.

Art.-Nr.: 1370120



Mehrzweckwanne 7l Inhalt

Multi purpose tub for oil change use and many other application fields. With red strainer, usefull spout and eyelet for suspending.

Art.-Nr.: 1370170

Coolants



RAVENOL TTC Concentrate Protect C11

PROTECT C11

Coolant of yellow-green colour. It provides effective frost and corrosion protection. Application according mixture table.

VW TL 774-C (entspricht G11); MAN 324NF; AFNOR R15-601 (Frankreich); BS 6580 (GB); CUNA NC 956-16 (Italien); JIS K 2234 (Japan); O Norm V 5123 (Österreich); UNE 25-361 (Spanien); ASTM D 1384; ASTM D 2570; ASTM D 2809; ASTM D 3306 Type 1; ASTM D 4985; ASTM D 6210 Type 1-FF; SAE J1034; CHRYSLER MS 7170; FIAT 9.55523, FIAT PARAFLU 11; FORD WSS-M97B51-A; IVECO 18-1830; Suzuki.

Art.-Nr.: 1410100



RAVENOL TTC Hot Climate -15°C Protect C11

PROTECT C11

Coolant of yellow-green colour with frost and corrosion protection premixed to -15°C.

VW TL 774-C (entspricht G11); MAN 324NF; AFNOR R15-601 (Frankreich); BS 6580 (GB); CUNA NC 956-16 (Italien); JIS K 2234 (Japan); O Norm V 5123 (Österreich); UNE 25-361 (Spanien); ASTM D 1384; ASTM D 2570; ASTM D 2809; ASTM D 3306 Type 1; ASTM D 4985; ASTM D 6210 Type 1-FF; SAE J1034; CHRYSLER MS 7170; FIAT 9.55523, FIAT PARAFLU 11; FORD WSS-M97B51-A; IVECO 18-1830; Suzuki.

Art.-Nr.: 1410106



RAVENOL HTC Premix -40°C Protect MB325.0

Protect MB325.0

All year-round coolant of blue colour with frost and corrosion protection premixed to -40°C.

MB 326.0, VW TL 774-C, MB 325.0, MB A000989082510, ASTM D3306, ASTM D4985, ASTM D4340, SAE J1034, NATO S-759, FORD ESE-M978B4H-A, FORD AF Plus, MAN 324, SAAB, GM 1825M, OPEL-GM QL130100, DAF, GM 1899M, GM 93740141, GM 93740140, VW-AUDI-PORSCHE, GM SATURN, ROVER, PORSCHE, John Deere, JAGUAR, BMW 81 22 9 407 454, 83 19 2 211 191, RENAULT Glaceol RX Type D, Honda OL999-9011

Art.-Nr.: 1410121



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