



Welcome





Our Team in Arab Countries

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The Health-check for Engines and Components



For more Safety and Quality

- **Evaluation**
 - What has to be evaluated?
- **Garages**
 - Fault research?
- **Second hand cars**
 - Buy a lemon?
- **Construction machines / farming machinery**
 - Working hours/ inspections?
- **Preventative Maintenance**
 - Saving costs and money
- **Safety on the Roads and better air**
 - Support Government duties and traffic safety



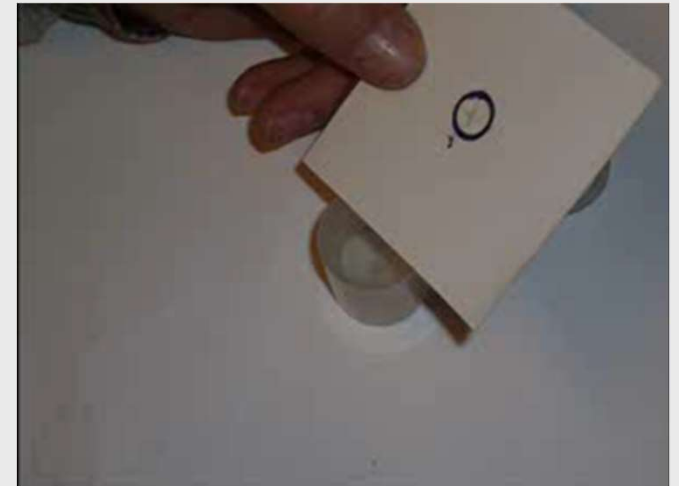
The Invention

- **Why does it work?**
- **Chromatographical effect**

This is how chromatographic works

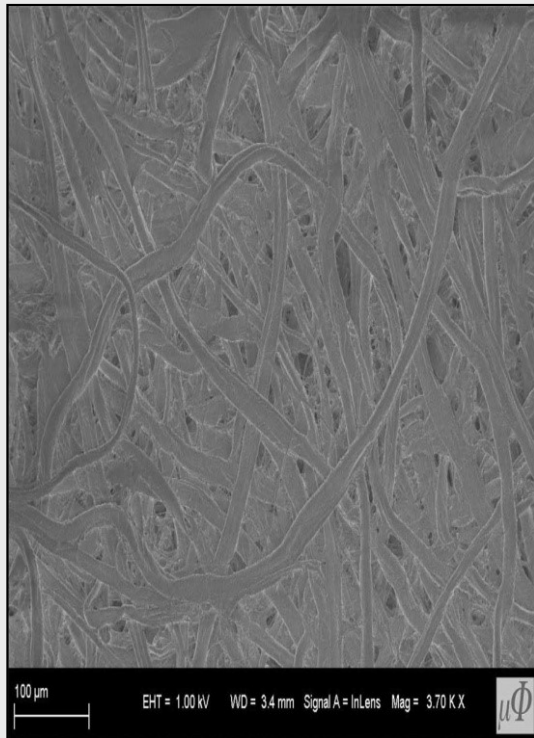
Adsorption and desorption are in a dynamic balance.

This makes the segregation of substance compounds in chromatography possible.

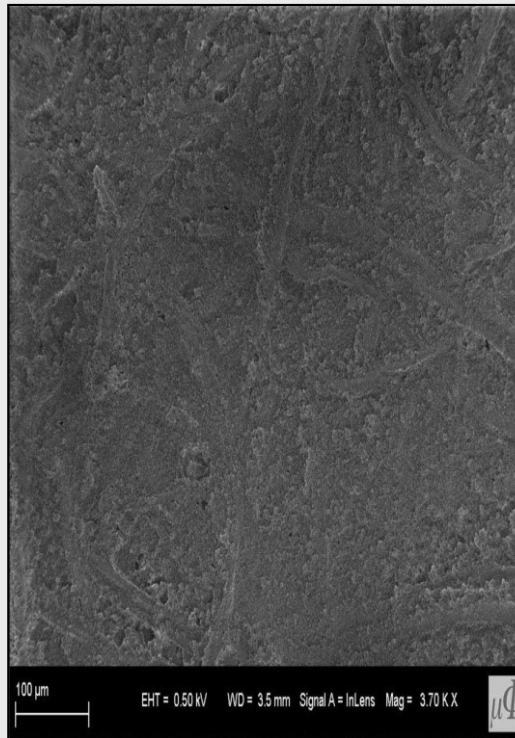


The Refinement

- **Basic Material: Cotton (Lintas)**
 - **Refinement**



untreated



treated



1:18.000

Two product lines:

MOTOR CHECKUP™

Simple. Fast. Reliable.

The Health Check for Motors and Components



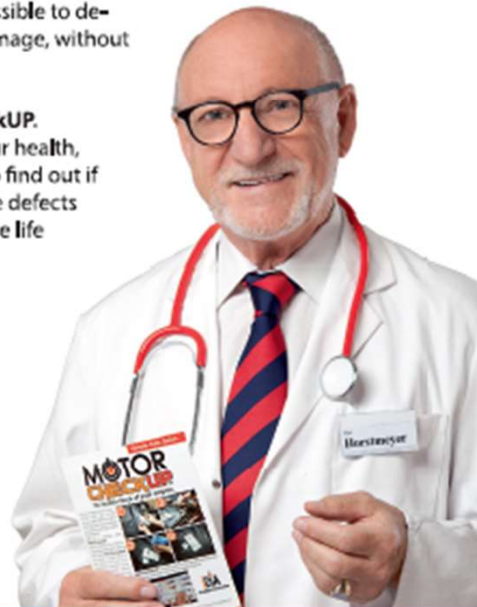
MOTORcheckUP is easy to use; one drop of oil onto the test paper. First results can already be seen within 2 to 15 min, particularly if there are serious problems. The final results will take longer depending on the health state of the engine and condition of the oil.

You can inspect almost everything in and on a vehicle, but not inside the motor. Up until now, it has not been possible to detect motor defects which could lead to serious damage, without costly intervention.

BUT now it is possible, simply, with... **MOTORcheckUP**. Just as a doctor takes a drop of blood to check your health, **MOTORcheckUP** only needs a single drop of oil to find out if the motor is "healthy", or not. Recognising possible defects early can save money on costly repairs, increase the life of the motor and improve vehicle's performance.

MOTORcheckUP tests for contaminants in the oil, including coolant and fuel, indicating the seriousness of the issue.

iDIA
The intelligent diagnosis system
Easy • Fast • Reliable • Online



Registration No. _____

Make / Model: _____

Mileage Total/Oil: _____ / _____

Date: _____

Euro Patent Reg. No. EP1825256

Eligible for all 4-stroke-engines

Made in Germany

Easy.Safe.Quick.

FLUID CHECKUP™

The Health Check for Your Operating Fluids.



Play it safe and check your operating fluids regularly. In industrial plants, ships, trucks, boats, cranes, excavator, construction equipment, fork lift, pumps, transmissions, agriculture equipment, vehicles. Test the condition, wear, and ageing of the relevant fluids for the following components:

- Breaks
- Power steering / hydraulic
- Manual Transmission
- Automatic transmission

Just one drop of that specific operating fluid is enough to check the condition and the safety of the particular component.

FLUIDcheckUP helps

- Save in fluids costs
- Lower Emission
- Keep Warranties
- Improve performance
- Extend Lifetime



Licence Number: _____

Operating hours: _____

Working hours: _____

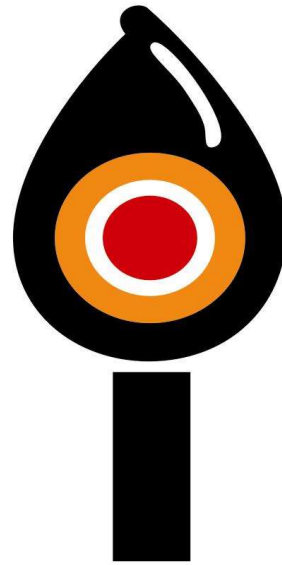
Milage: _____

www.fluidcheckup.de

Made in Germany
Patent Nr. 1825256
(EUROPE)



FLUID
CHECKUP™



Applications



- **Power steering**
- **Brakes**
- **Automatic / Manual Transmissions**
- **Hydraulic, Pumps**
- **Transmissions in Industry**
- **Wherever something moves...**



Easy.Safe.Quick.

FLUID
CHECKUP™

The logo features the word "FLUID" in a bold, black, sans-serif font. The letter "I" is replaced by a stylized oil drop icon with a red center, an orange ring, and a black outline. Below "FLUID" is the word "CHECKUP" in a bold, outlined font. "CHECK" is orange, "UP" is red, and a small "TM" trademark symbol is at the bottom right.



Bremsflüssigkeit / Break Fluid



Servolenkung / Power Stearing



Getriebeöl / Transmission Fluid



Getriebeöl / Transmission Fluid



Easy Evaluation

Evaluation

Remarks

A new or relative new oil is light, absorbs fast into the test sheet and determines a good operating condition.

If the result is already darker than GOOD this indicates sediments. The fluid should be changed.

The fluid has already exceeded the reliability performance and safety of the component. An immediate change of the oil is necessary. Further use will cause damages or a breakdown of the component.


Test the Fluids...

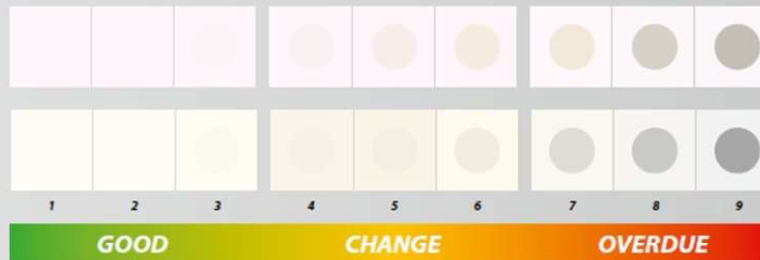
It is easy to check the fluids:

Put only one drop of the operating oil with a dipstick, stirrer, or pipette on the test sheet. Compare the results with the reference color of the respective area. It's very easy for you to find out if the condition of the oil is good or not. Just compare the colors on the scale.

 Brake Fluid



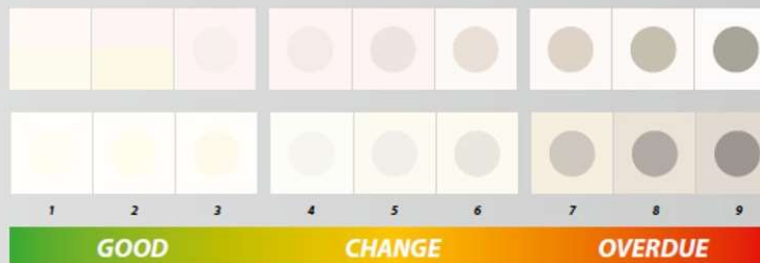
 Power steering *
Hydraulic *



 Transmission oil

Automatic transmission *

Manual transmission *



* Note: Depending on producer of the fluid, the color of the fluid can vary. The evaluation must be done according to the color scale.

MOTOR
CHECKUP™

Compare: patient / doctor

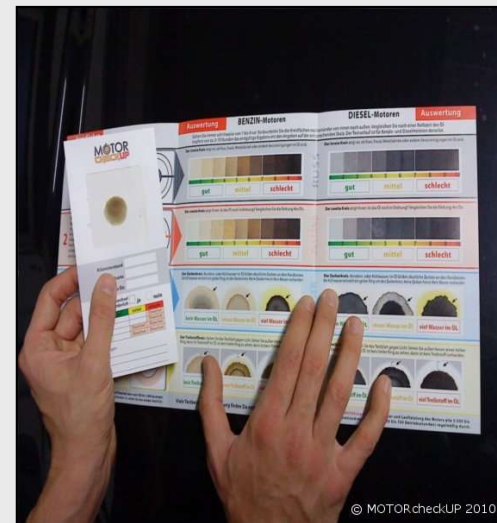
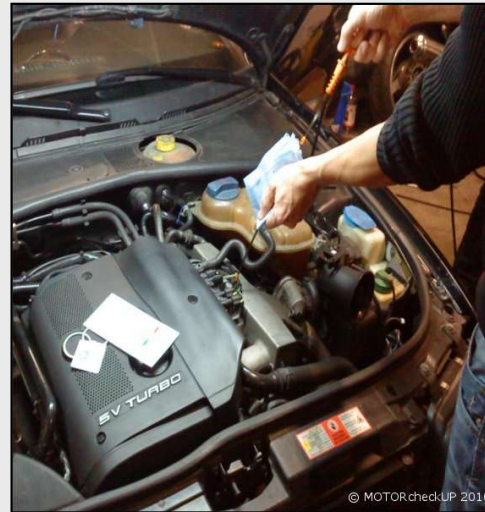
***one drop of blood suffices to
check the health of the patient***

The conversely: car / engine

***only one drop of the fluids/oil is
enough – identical to a blood test***



It is so easy



MOTOR CHECKUP™

Der Gesundheitscheck für Ihren Motor.

Mode of action, effects, early detection of defects or damages of the engine and the simple evaluation and interpretation of MOTORcheckUP based on four samples.

The 4 Spots

The 4 Spots

Accrument and Signification

One drop of oil applied to the special test paper will generate concentric circles that give you indications on the condition of your engine.

1

The Centre Spot (1) indicates grime and other possible pollutants or stains. According to the state of combustion of the engine and the mileage of the oil, a corresponding grime spot will form. If the oil was in use for many miles and is in bad condition, the inner circle will probably cover the circles 2 and 3. A "healthy" engine with a mileage of 3,000 or 6,000 miles normally shows easily visible circles.

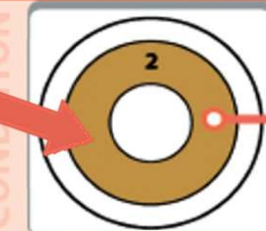
GRIME



2

The circle in the middle (2) indicates the condition of the oil itself. For petrol engines applies: the older the oil, the darker (Brown) the result. For diesel fuel engines applies: the color can range from light grey to dark black. If the engine produces too much grime, often there will be no difference between circles 1 and 2. If the engine itself is in good condition, but the motor produces too much grime, then one more layer is formed around the brown (or black for Diesel) spot in the middle and this circle will be in lighter colour, which indicates that the condition of the oil is ok.

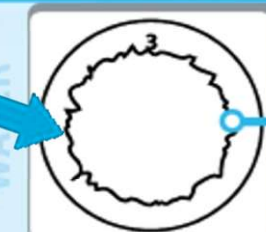
CONDITION



3

The boundary layer of the middle circle (3) indicates presence of water. In this case the test medium will show peaks immediately. When the water content is high, you will see a clear result within a few minutes. Also the results of 1, 2 and 4 can be covered. The test distinguishes two kinds of water: condense water and cooling water (with glycol). Both will form the typical peaks at the edge of the circle. If cooling water with glycol is in the oil, you will see a yellow corona around the circle after approximately 30 minutes, which will spread out even more.

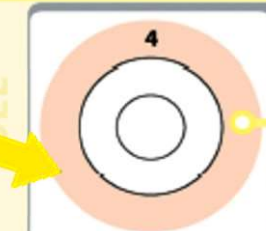
WATER



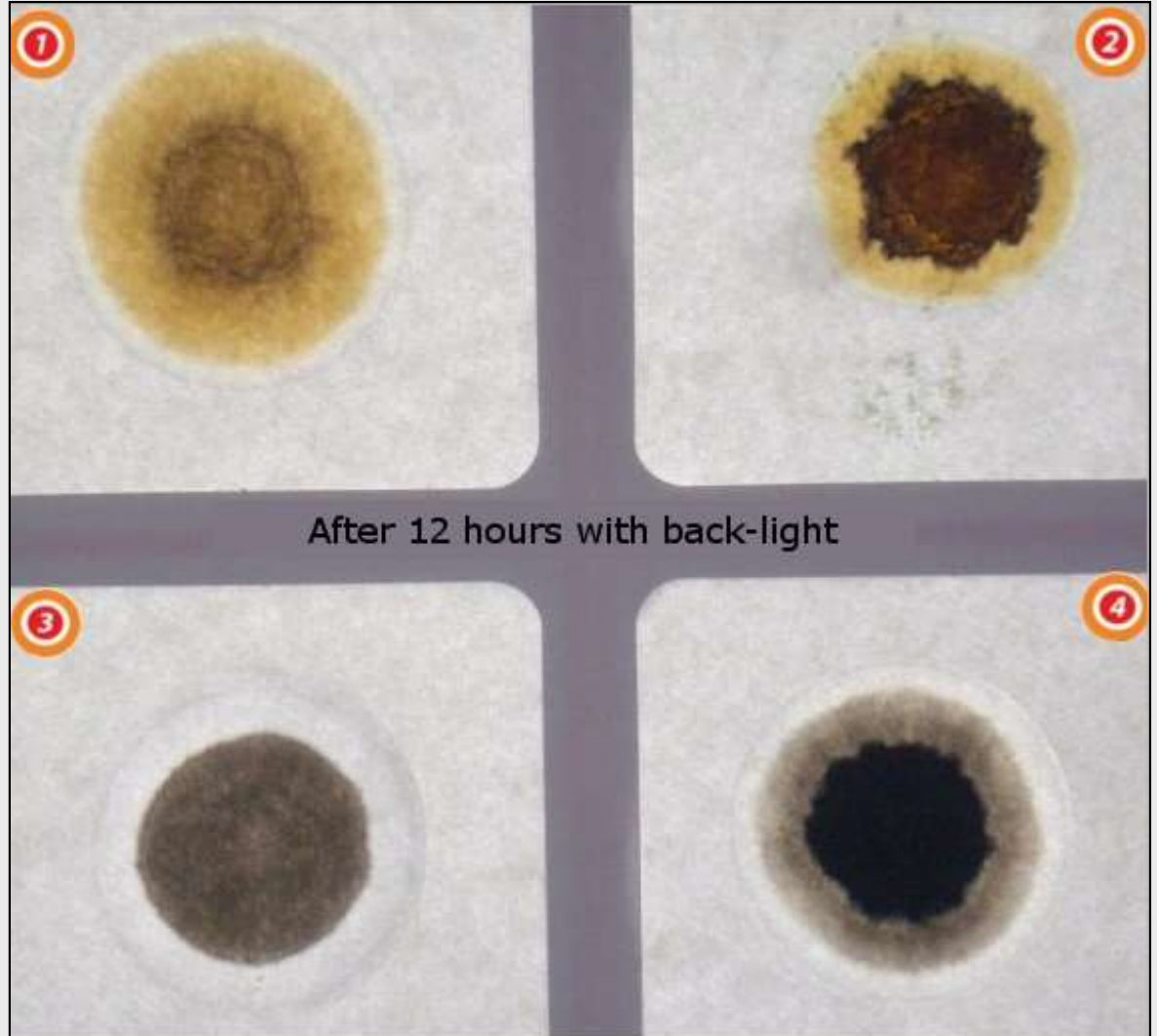
4

Outer circle (4) If fuel is in the oil, a light/transparent ring will form around the outer circle (the coloring in this layout is only to make it clearer). This ring will appear after a short while when the drop permeates in the test paper. The more the ring spreads out, the higher the fuel content. If this transparent ring is visible after several hours, then the result is "Medium" and that indicates that everything is ok.

FUEL



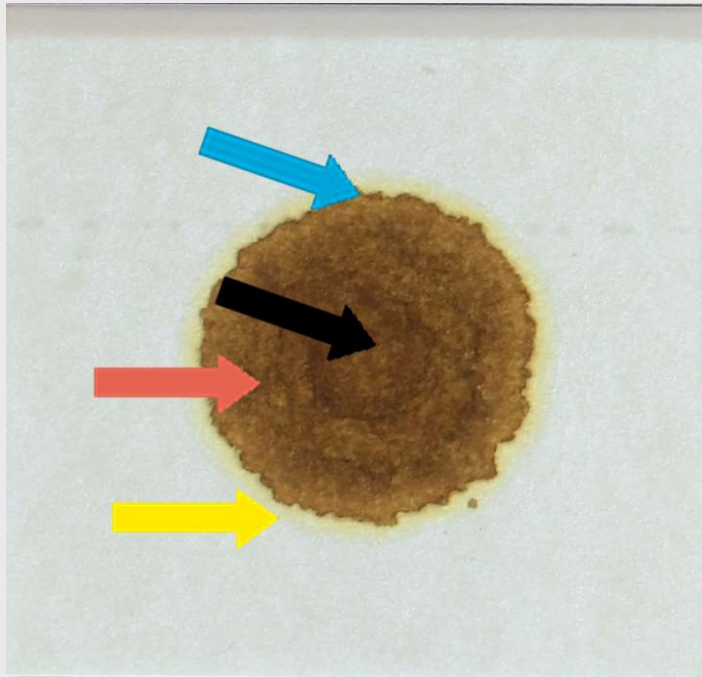
When defects are assessed, resolve first - change oil, after 300 to 600 miles do the **MOTORcheckUP** test again. If there are defects still existing, you will see them again clearly.



After 12 hours with back-light

The look against light make the test results visibly much better and easy to evaluate.

Evaluation Gasoline



Result:

Odometer reading: 45.057 km
 Running km of oil: 13.474 km
 Type: Audi A3 Sportback 1,6
 Registrating date: 29.06.2007

Test Interpretation

GASOLINE engines

Always proceed step by step from 1 to 4. Interpret the results (circles) one after the other from 2 - 15 minutes problems, if any, can already be seen. Because motor oil spreads slowly the

The Centre Spot indicates the presence of sediments such as dust, abrasion particles, carbon, insoluble and other pollutants.

1 2 3 4 5 6 7 8 9 10

good middle bad

GRIME

The Second Spot indicates the condition of the oil itself. Compare the colour of the oil.

1 2 3 4 5 6 7 8 9 10

good middle bad

CONDITION

The Boundary Layer. This ring indicates possible water content. In this case the test paper will show peak visible. No water

no water in oil a little water in oil too much water in oil

WATER

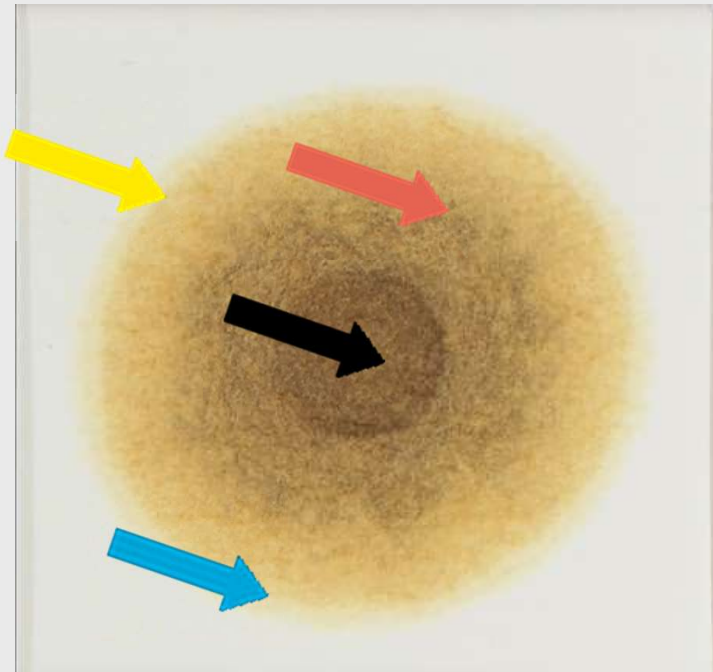
The Fuel Ring. Hold the test against light for better interpretation. If the oil contains fuel, a light, clear ring will form around the outer circle. No light ring visible ring means no fuel.

no fuel in oil a little fuel in oil too much fuel in oil

FUEL

You will find many samples with comments under www.motorcheckup.com

Evaluation Gasoline



Result:

Odometer reading: 115.312 km
 Running km of oil: 10.231 km
 Type: Hyundai Tucson
 Registrating date: 19.08.2005

Test Interpretation

GASOLINE engines

Always proceed step by step from 1 to 4. Interpret the results (circles) one after the other from 2 – 15 minutes problems, if any, can already be seen. Because motor oil spreads slowly the

The Centre Spot indicates the presence of sediments such as dust, abrasion particles, carbon, insoluble and other pollutants.

good

middle

bad

GRIME

The Second Spot indicates the condition of the oil itself. Compare the colour of the oil.

good

middle

bad

CONDITION

The Boundary Layer. This ring indicates possible water content. In this case the test paper will show peak visible. No water

no water in oil

a little water in oil

too much water in oil

WATER

The Fuel Ring. Hold the test against light for better interpretation. If the oil contains fuel, a light, clear ring will form around the outer circle. No light ring visible ring means no fuel.

no fuel in oil

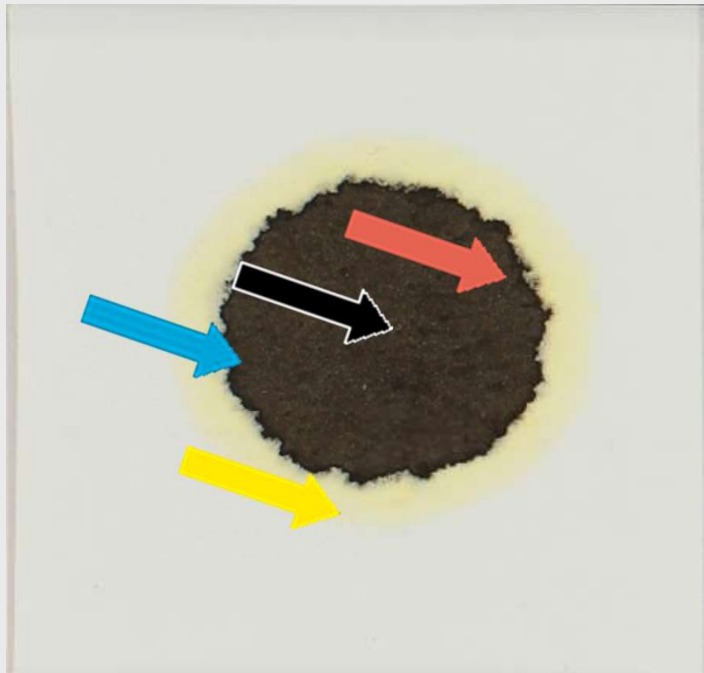
a little fuel in oil

too much fuel in oil

FUEL

You will find many samples with comments under www.motorcheckup.com

Evaluation Diesel

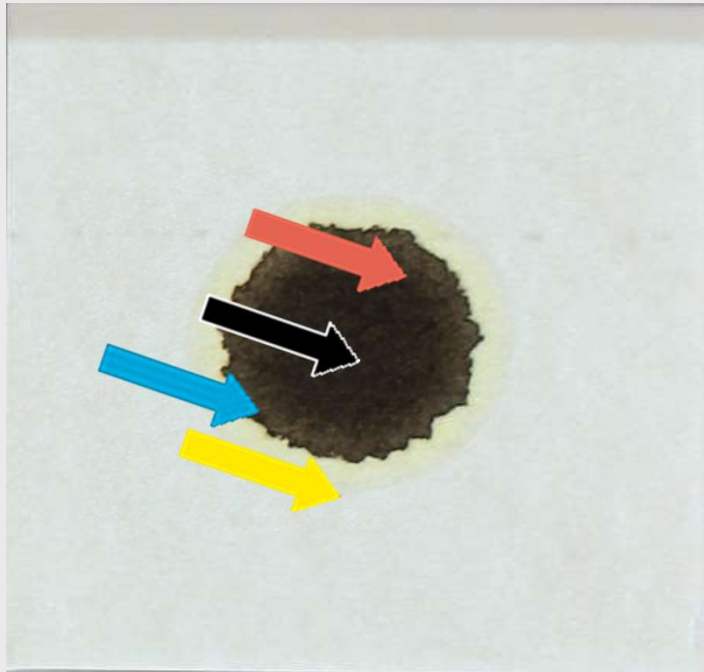


Result:

Odometer reading: 57.599 km
 Running km of oil: 25.499 km
 Type: VW Bus
 Registrating date : 25.09.2007

DIESEL engines		Test Interpretation
<p>from inside to outside with the colours e.g. graphics on this side. After the absorbing process the final analysis is shown after 3 to 10 hours depending on the condition (age) of the oil.</p>		
GRIME	<p>The Centre Spot indicates the presence of sediments such as dust, abrasion particles, carbon, insoluble and other pollutants</p>	
	<p>1 2 3 4 5 6 7 8 9 10</p> <p>good middle bad</p>	
CONDITION	<p>The Second Spot indicates the condition of the oil itself. Compare the colour of the oil.</p>	
	<p>1 2 3 4 5 6 7 8 9 10</p> <p>good middle bad</p>	
WATER	<p>Peaks around the edges immediately. If there is cooling water in oil a yellow corona around this circle is water, no peaks.</p>	
	<p>no water in oil a little water in oil too much water in oil</p>	
FUEL	<p>The Fuel Ring. Hold the test against light for better interpretation. If the oil contains fuel, a light, clear ring will form around the outer circle. No light ring visible means no fuel.</p>	
	<p>no fuel in oil a little fuel in oil too much fuel in oil</p>	
<p>Accomplish MOTORcheckUP every 3.000 to 5.000 miles depending on the mileage of the car/motor; stationary engines every 80 to 100 operating hours</p>		

Evaluation Diesel



Result:

Odometer reading: 65.476 km
 Running km of oil: 7.476 km
 Type: VW EOS 2,0 TDI
 Registrating date : 07.09.2006

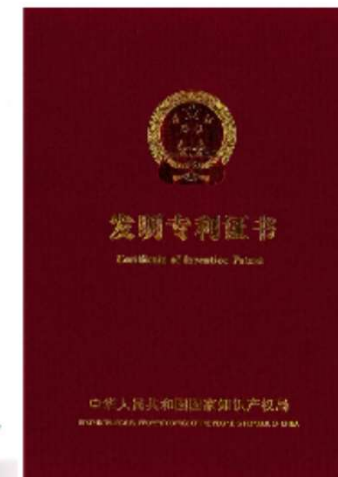
DIESEL engines		Test Interpretation
<p>from inside to outside with the colours e.g. graphics on this side. After the absorbing process the final analysis is shown after 3 to 10 hours depending on the condition (age) of the oil.</p>		
GRIME	<p>The Centre Spot indicates the presence of sediments such as dust, abrasion particles, carbon, insoluble and other pollutants</p>	
CONDITION	<p>The Second Spot indicates the condition of the oil itself. Compare the colour of the oil.</p>	
WATER	<p>Peaks around the edges immediately. If there is cooling water in oil a yellow corona around this circle is water, no peaks.</p>	
FUEL	<p>The Fuel Ring. Hold the test against light for better interpretation. If the oil contains fuel, a light, clear ring will form around the outer circle. No light ring visible ring means no fuel.</p>	
<p>Accomplish MOTORcheckUP every 3.000 to 5.000 miles depending on the mileage of the car/motor; stationary engines every 80 to 100 operating hours</p>		

Cooling water problem

**A massive
cooling water
problem in a
DAEWOO with
just 13.360 km**



Our guarantee



Target groups, users

- **Cars, trucks, Motor Cycles, Aeroplanes**
- **Construction machines**
- **Forest- and agricultural machines**
- **Bus operators, fleets, Fire Police,**
- **Stationary engines**
- **Emergency generators**
- ***Spectrum: All 4-stroke-engines***
From Lawn mower, tractors up to tanks



Benefits and Advantages

- **For more Safty,**
- **Preventive Maintenance in Fleets, Taxis, Busses**
- **MOTORcheckUP is ideal for marketing and sales promotion:**
- **More sales, Higher usage rate,**
- **More customers**
- **Better image**
- **More profit**



Compititors?

- Laboratory analyses are more accurate than MOTORcheckUP
- **But**
 - Expensive and time-consuming
 - Far more time until a result is available
 - Report is complicate to evaluate - even for experts, judges, garages etc.
- **That is not comparable**



From Classic to Digital:

iDIA

The presentation film

<https://youtu.be/EXf-2-D7EwA>



iDiA- the intelligent diagnostic



Register the individual test



drip just one drop of oil onto it



after maturation process return
just press **TEST**



iDiA- the report



alghadaq information technology network L.L.C
 Al Hilal Bank Building, 316
 Dubai - Al Qusais 2dubai
 UAE
 info@alghadaqit.tech



YOUR TEST RESULT: PETROL ENGINE

Test date	12/7/2024 7:25:00 PM	Model	altima
License plate	24217	Power	2000 KW
Make	Nissan	Mileage	371,000 km
Manufactured in	2013	Kilometers driven since last oil change	365,000 km



SOOT

This table indicates: presence of sediments / dust, wear particles, carbon, and other pollutants.



CONDITION

This result indicates: Is the oil still ok?



WATER

If there is water in engine oil (condense- or cooling water) peaks arise around the edges.



FUEL

If the oil contains fuel, a light, clear ring will form around the outer circle. The size of the width indicates the volume of fuel present.



Test result, our recommendation:

Normal combustion residues (soot, sediments) are present and the oil condition is within acceptable parameters at the oil flow rate.
 This diagnosis is explained in detail on page -2-.

Important notice: MOTORcheckUP quick tests cannot cover all possible oils and conditions. The look into the engine or aggregates by means of the chromatographic method takes the composition of commercially available oils into consideration. MOTORcheckUP cannot guarantee the technical functionality and mechanical condition of engine or aggregates. This test serves the purpose of providing an indication as to the condition of engine and aggregates. It allows to draw conclusions as to functionality and/or safety. Any liability claims against MOTORcheckUP or seller are excluded.

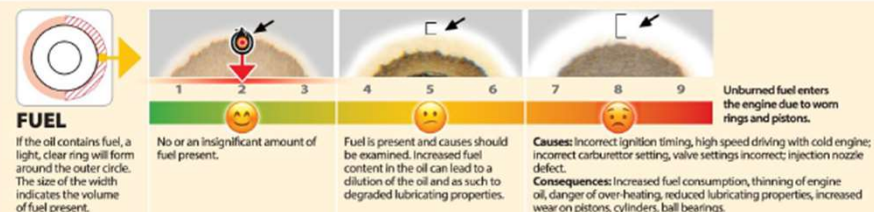
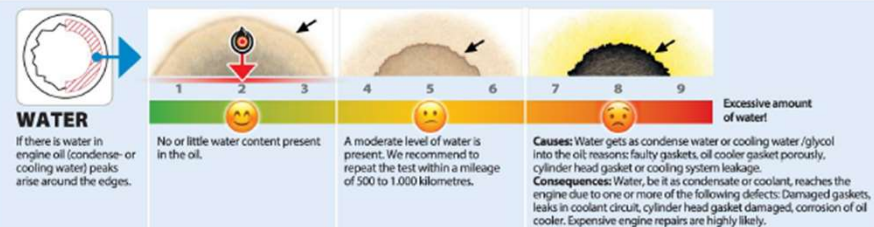
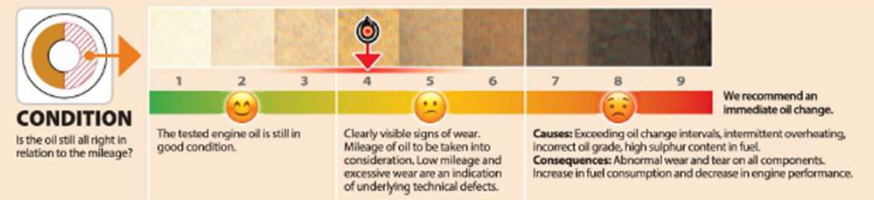
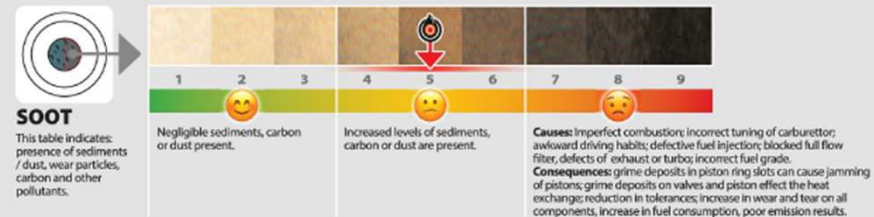
Advice: If you need a detailed analysis, we recommend contacting a certified laboratory in your area.



The test result for soot, condition, water, fuel, possible causes and effects

Important: In order to interpret the test results correctly, the oil change interval has to be taken into consideration. The greater the mileage of the oil, the darker the result can be for soot and oil condition. The content of water and fuel can also increase relative to the mileage. Example: The scale position 4 - 6 (see arrow) of the condition of a 20.000 mileage of oil is normal; the positioning in the 4-6 scale (see arrow) of the oil condition with only a 10,000 km mileage is unusual. For this reason the evaluation is always relative to the mileage.

Compare the result, i.e. what are the causes of a particularly poor result (7-9) and what effects it may have!



iDiA- online register by mobile phone, PC



The screenshot shows a web browser window with the URL <https://portal.motorcheckup.com/motorcheckup/regtest>. The page has a red header with the MOTORcheckUP logo and the text "MOTORcheckUP". In the top right corner of the header, there is a link labeled "Anmelden". Below the header, there are two tabs: "Startseite" and "Register test", with "Register test" being the active tab. The main content area is white and contains the following elements:

- A link labeled "Startseite" in blue text.
- A heading "Register test" in a large, dark font.
- A label "Choose the type of test *" in a dark font.
- A dropdown menu with the text "-Please select-" and a downward arrow.

At the bottom of the page, there is a dark orange footer containing the text "Kontakt" and "Angetrieben durch Drupal".

iDiA- online register: select test type

A screenshot of a web browser displaying the MOTORcheckUP online register page. The browser's address bar shows the URL <https://portal.motorcheckup.com/motorcheckup/regtest>. The page has a red header with the MOTORcheckUP logo and a navigation menu with 'Startseite' and 'Register test' buttons. The main content area is white and contains the heading 'Register test' and a dropdown menu titled 'Choose the type of test *'. The dropdown menu is open, showing the following options: '-Please select-', 'Engine Oil', 'Transmission oil', 'Power-steering fluid', and 'Brake fluid'. The footer of the page is orange and contains the text 'Kontakt' and 'Angetrieben durch Drupal'.

iDiA- online register: fill in data



Register test | MOTORcheckUP

https://portal.motorcheckup.com/motorcheckup/regtest

Anmelden

MOTORcheckUP

Startseite Register test

Startseite

Register test

Choose the type of test *

Engine Oil

QR code: *

MC1000-0-6060057915-0000

License Plate: *

UL CM 403

Car maker: *

BMW

Car model: *

X1 2.0L xDrive20i

Year of manufacture: *

2010

Engine power (KW): *

103

Total distance traveled: *

88990

Km since last oil change: *

27000

Select fuel type: *

Petrol

Email:

gallus.ingbuero@gmail.com

Language: *

Englisch

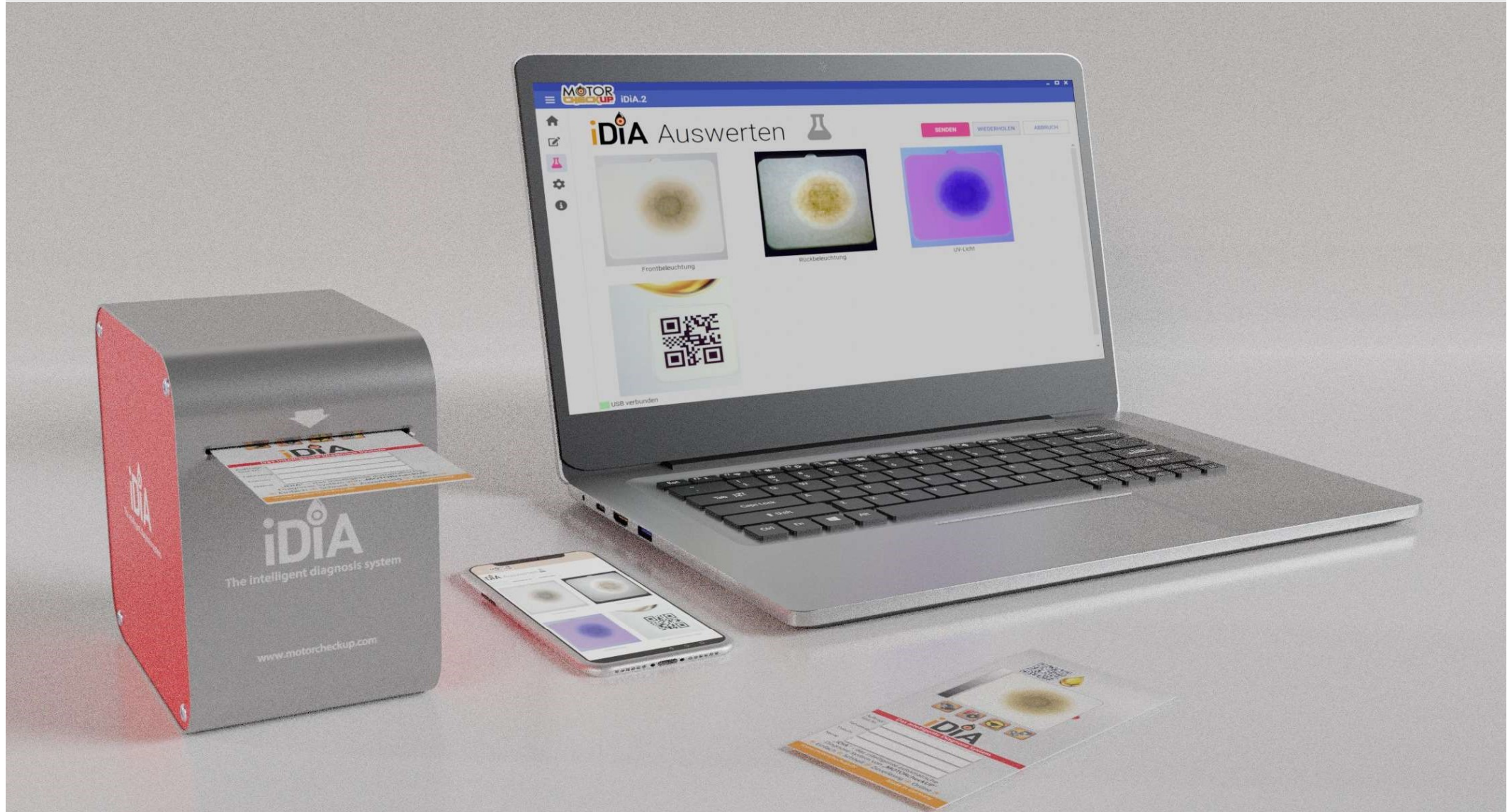
Send

iDiA- online register - advantages and benefits



- **Individual and flexibel**
- **For workshops with smaller usages**
- **Registration with all day work tools (mobile, PC)**
- **Easy to handle and understandable**
- **Modern and sophisticated**
- **Ideal for DIY**
- **Extensive range of applications**
- **More sales – more turnover**

iDiA life presentation





Thank You
For Your Attention

