CERAMIC PRODUCTS & ADDITIVES FOR AUTOMOTION, NAVIGATION & INDUSTRY



# life for your engine



FHIS

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CEROILise you!

Respect the environment



facebook Config





ANTI - FRICTION TREATMENT



# platinum

It's a concentration of micro-ceramic particles, which dispersed in the lubricating oil remain attached to the metal. forming a thin protective film with diamond's hardness and extremely slippery, getting an antifriction effect that improves performance, reduces fuel consumption and extends engine's life. It's a treatment for metals that does not alter the properties of the oil.

- Reduces fuel consumption by up to 15%.
- Lowers notoriously smoke and polluting gas emissions by up to 50%
- Facilitates cold starting, preventing wear at this critical time.
- · Reduces stick slip.
- · Significant improvement in performance at low speed.
- Reduction of energy loss caused by friction.
- Reduces the operating temperature of the engine, gearbox and transmission.
- Reduces oil consumption because it covers engine's tolerances.
- Reduces wear caused by EP additives of mineral oils.
- Improves compression and extends engine's life.
- Does not alter the properties of the oil.
- This product is totally harmless for the engine.

#### **REDUCES:** - Fuel consumption.

- Engine's wearing.
- Pollutant emissions.
- Engine's noise.

#### INCREASES:

- Engine's life.
- Time between overhauls.
- Engine's compression.
- Engine's performance.



#### BEFORE:

AFTER: At the cross-sec- The ceramic mition with micros- cro particles from copic there are Ceroil Platinum some metal irre- cover metal parts gularities. The ed- forming a protecges rub together tive film prevenand cause friction, ting metal-metal temperature rise contact. Getting a and metal parts drastic reduction wearing. There are of friction, impro-





Reduces engine's Reduces conworking tempera- sumptions. ture





Ceramics is the second hardest element in the world and it's used for coating the Space Shuttle.

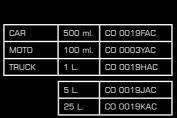


Its application as a lubricant in the turbines of aircraft engines is a guarantee of its high tempera ture resistance.



ideal PRE

# 44 -





densation.

chamber.

deposits.

New formulation WITHOUT dyes.

• Facilitates cold starting.

• Maintains injectors pressure

• Protects against corrosion

- INCREASES:
- Engine's life.
- Engine's performance.

**REDUCES:** 

# **ANTI-SMOKE**



STOP SMOKE Powerful combustion system cleaner, which reduces the emission of smokes and particulates by up to -50%. Ideal for pre-M.O.T. treatments. In case of persistent or very black smoke is recommended to use also Ceroil Inyetsol+ or Admission Cleaner.

FORMULA WITHOUT DYES



#### www.ceroil.com

#### WHAT'S CERAMICS?

CO 0014BTA

CO 0014CTA

CO 0014HTA

200 ml

100 m

TRUCK

Ceramics is a binary chemical compound, consisting of an equal number of atoms of boron and nitrogen called Boron Nitride.

It is structured in several ways, but the hexagonal allotropic is the variety used in Ceroil products. It consists of a hexagonal layer of ceramic molecules in the same It also has dielectric resistance way as graphite, but harder. In the cubic structure is the second hardest material behind diamond.



It has great anti-friction and lubricant properties.

Excellent performance at high and low temperatures, even in oxidizing atmospheres. Exceeds the characteristics of graphite. Its boiling point is located at 2700°C. (4892°F)

and it's inert to most chemicals.

Molecular hexagonal structure of the Boron Nitride



Hexagonal disposition of the mole-

cules of Ceramics adhered to the

metallic parts of the engine



## also some small ving engine's perparticles formance and redumetal that could break cing wearing other parts.

Apply to the oil of the enaine



#### COMBUSTION

# **INJECTORS CLEANING** ANTI-SMOKE / M.O.T PETROL & DIESEL



With a new formula, INYETSOL + becomes one of the most comprehensive fuel additives of the market. It's a product that offers the features of four products in just one. It's a high-speed cleaner for next-generation injectors, that removes any dirt and impurities which could impede the efficient functioning of the entire power system. It is also an excellent treatment for the fuel and the fuel tank since it removes water and con-

• Suitable both for Petrol and Diesel. • Reduces fuel consumption down to -15%. • Reduces emissions of polluting gases down to -44%.

• Eliminates waste and carbon in the combustion

• Enriches and improves combustion. • Removes water from fuel and neutralizes oxidation

Keeps the system clean for avoiding the formation of

• Recovers catalysts if they are not obstructed.

- Fuel consumption - Charcoal in injectors. - Pollutant emissions.

- Time between overhauls.



New Formula 4 in 1 1 - Cleans injectors 2 - Stop-smoke 3 - Pre-M.O.T. treatment 4 - Fuel treatment





The cleaning agents remove dirt and impurities from the injectors and keep clean the combustion chamber



Apply into the fuel tank.



Reduces smoke.



Facilitates cold starting.



Reduces consumptions





- Gasoline and Diesel.
- Ideal pre-M.O.T. treatment.
- Reduces smoke and polluting gases by up to 50%.
- Reduces unburned hydrocarbon emissions.
- Reduces particulate emissions.
- Reduce emissions of carbon monoxide (CO) and nitrogen oxide (NOx)
- Does not alter fuel octanes.
- Removes water from fuel.
- Facilitates cold starting.

200 ml. CO 0042FNA



#### DIESEL PARTICULATES FILTER MAINTENANCE

FORMULA WITHOUT DYES

#### DPF/FAP CLEANER DIESEL PARTICULATES FILTER

**DPF CLEANER** It's a high performance cleaner that regenerates and eliminates the soot from the particulates filter quickly and safely, reducing maintenance costs.

- Cleans and regenerates the diesel particulates filter DPF
- Reduces the temperature of soot's combustion in the DPF.
- Extends the life of the particles filter.
- Ideal treatment for vehicles that make short trips.



Cleans and regenerates Apply in the fuel tank. the diesel particulates filter

CLEANER GUN

For cleaning through the fuel tank with the engine running without removing parts.





\* The KIT does not include

the aur

DPF - FAP

#### **DPF CLEANER KIT** DIESEL PARTICULATES FILTER PROFESSIONAL

DPF CLEANER 2 PHASES High performance cleaner in 2 Phases that removes soot and regenerates the DPF / FAP guickly and safely, without removing the filter. For spray application pressure .

#### PHASE 1 - DECARBONIZING

It is an active alkaline degreaser and decarbonizer based in polyols solvents and anticorrosivers inhibitors, especia-Ily for fat removal and persistent soot. It contains NaOH. Removes the most embedded soot and dirt without disassembling, mechanical stress or aggressive products. Must apply the neutralizer Ceroil Phase 2.

#### **PHASE 2 - NEUTRALIZER**

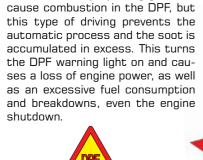
Circuit neutralizing acid product for cleaning DPF particulate filters. Indispensable for particulates filter cleaning, where it is used together with the Ceroil Descaling (Phase 1).

DPF CLEANER KIT			DECARBONIZING			NEUTRALIZER	
1 L. + 1 L.	CO 0050HNA		5 L.	CO 0051JNA		5 L.	CO 0052JNA
5 L. + 5 L.	CO 0050JNA		25 L.	CO 0051KNA		25 L.	CO 0052KNA

#### The Diesel Particulates Filter - DPF

Modern diesel engines, in order to meet the strict European standard, they mount a Particulate Filter (it is called DPF or FAP) which integrated into the catalytic converter it traps the carbon particles that contain fumes emitted by the exhaust pipe.

Because of the stop&go driving performed on short journeys, the DPF / FAP does not reach enought temperature to eliminate the soot deposited on it, causing its clogging and subsequent breakdown. The engines automatically regene-



#### DO NOT WAIT TILL THE LIGHT TURNS ON!

It is important to keep the DPF clean and to avoid costly repairs. Apply the DPF cleaner (CO 0033FNA) every 5.000 Km. as a way of prevention



#### ANTI-BACTERIA DIESEL

**BIO DIESEL CARE** It is a water soluble

DIESEL TREATMENT

# DISCONTINUED



## DIESEL COOLANT WINTER DIESEL

DIESEL

COOL AN

DIESEL

It lowers the diesel freezing temperature down to -33 °C / -22F,

- Improves the flow of oil at low temperatures.
- Lowers the diesel freezing temperature down to -33°C/ -22F.
- Avoids the appearance of crystals that clog the filter.





Total protection against diesel freezing.

#### DIESEL **ENHACER**

**DIESEL POWER** Diesel conditioner treatment which increases the cetane number (flammability of diesel)

- Increases cetane index
- Prevents the formation of waste in low cetane diesel
- Improves cold start.
- Improves power and engine response.
- Reduce emissions up to 50%.

200 ml C( 1 L.

C

- Stabilizes idling and eliminates jerks.
- Does not harm catalytic converters.
- Absorbs water and reduces the freeze diesel

D 0046BAC	5 L	CO 0046JAC
D 0046HAC	25 L.	CO 0046KAC

# DIESEL PARTICULATES FILTER

Pressure oun for the implementation of DPF Cleaner KIT in 2 phases. It includes everything needed to apply the product and effectively clean the DPF.



#### ADMISSION / TURBO / EGR

CLEANER **ADMISSION / TURBO / EGR** 

> ADMISSION CLEAN Powerful organic cleaner that removes waste and sediments from the admission circuit. For all admission circuits of diesel and gasoline engines, turbos and carburators.

- Packaged with non-flammable gas, so that the engine speed does not rise excessively during application.
- Reduces fuel consumption and pollutant emissions.
- Removes debris and sediment from admission circuits, Injectors, Turbo and EGR valve.
- Protects and cleans the oxygen sensors and catalyst.
- · Resets the idle.
- Then applying Invetsol + it's advised to get a thorough cleaning .

#### For cleaning through the admission with the engine running without removing parts.

400 ml. CO 0041EIS

LIMPIADOR



TURBO



EGR VALVE

### DECARBONIZER **INJECTORS / TURBO / EGR**

**CARBON CLEANER** Powerful decarbonizer that eliminates the waste stuck in the diesel injectors, turbos and EGR valves. For all circuits admission of diesel and gasoline engines, turbos, injectors, carburetors and EGR valves.

For the clearing of accumulated soot on removed parts or stopped engines.

• For using on disassembled parts or stopped engines.

- Eliminates solidified coal from parts.
- Gives back to the injectors a clear fuel flow.
- Removes soot from the turbo.
- Cleans the EGR valve easily.

For the cleaning on stopped engines or removed parts.

		5 L	CO 0053JIS
400 ml.	CO 0053EIS	25 L.	CO 0053KIS



www.ceroil.com

#### SPRAY

### MULTIUSE LUBRICANT

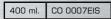
- Descale, release and lubricates all seized and/or rusted parts.
- High stability against oxidation and aging.
- Lubricates at high temperatures.
- Protects against internal and external

MULTIUSE

JNLOCKE

CLEANE

- re, moisture or rust.
- Does not attack rubber or plastics.



#### MULTIUSE UNLOCKER

**UNLOCKER** Concentrated multipurpose releaser with ceramics.

- Release and lubricates all the rusted
- and/or seized parts.
- Lubricates quickly de-scaled parts.
- Protects against rust and corrosion.
- · Removes traces of tar. rust and corrosive particles.
- Decreases the cash seizure by temperature, moisture or rust.
- Does not attack rubber or plastics.

400 ml. CO 0016EIS

## BRAKE CLEANER

BRAKE CLEAN Powerful cleaner for brakes and clutches.

- Removes grease, brake fluid, metal dust and debris.
- · Removes stiffness in clutch caused by oxidation of metal parts.

CO 0022JIS

C00022KIS

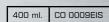
- · Eliminates brake pads squeak.
- Does not harm rubber or plastics.

400 ml. C00022EIS 25 L.

## DRY LUBRICANT

DRY LUBE Lubricant with a high concentration of ceramics, for dry lubrication of metals and plastics.

- Excellent release agent and anti-bonding for high temperatures.
- · Reduces friction, prevents wear and protects against corrosion.
- Lubricates dry up to 950°C (1742°F) continuous.
- Dry lubrication for all industry sectors.



MULTI LUBE Concentrate multi-purpose lubricant with ceramics.

- corrosion.
- Decreases the cash seizure by temperatu-





## CRANKCASE CLEANER

ENGINE

BOOT

STARTER

diesel and gasoline.

200 ml. CO 0047BIS

• Starting aid.

problems.

ENGINE CLEANER Oil cleaner additive. Removes all types of waste, sludge and deposits from the engine crankcase.

• Prolongs engine's life and improves the circulation of fresh oil. • Non-corrosive. Does not attack rubber, plastics or metals.

#### 500 ml CO 0029FNA CO 0029JNA CO 0029HNA CO 0029KNA 25 L.

#### STOP LEAK ENGINE

small oil leaks.

sity.

500 ml.



Reduces oil's consumption

25 L.

O 0030JNA

CO 0030KNA

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Γb

ve, which regenerates the joints hardened,

cover small cracks, eliminates and prevents

• Restores the elasticity of the tight rings

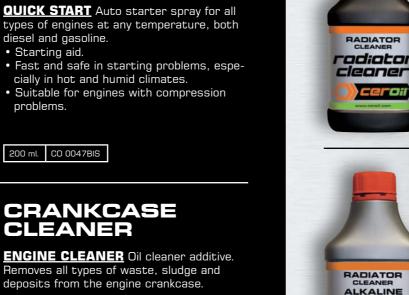
• It does not alter the quality and oil visco-

and rubber / neoprene seals of the engine.



CO 0030FNA

CO 0030HNA



radiador cleaner ceroi

ADIATOP

ADIATO

## QUICKLY SEALING LEAK DETECTOR

It's an additive for the cooling water to repair small leaks in the cooling circuit and protecting against rust and corrosion.

- Excellent leak detector fluorescent color .
- Does not attack rubber or metal seals. Reduces maintenance costs.
- 500 ml. CO 0021FIS CO 0021JIS 1 L. C00021HIS 25 L. COOO21KIS

#### STOP LEAK RADIATOR COPPER

#### PERMANENT SEALING

Permanent sealing treatment for cooling system, consisting of a mixture of ceramic particles and copper particles that are activated by temperature, sealing permanently the leak

- No cakes or blocks. It seals throughout all the engine's life.
- Does not attack rubber or metal seals.

500 ml.	CO 0036FNA	5 L.	CO 0036JNA
1 L.	C00036HNA	25 L.	C00036KNA





**ALKALINE FORMULA** 

RADIATOR

ACID FORMULA

Cleans the radiator system, removing rust,

51

251

• Does not attack rubber or metal.

Reduces maintenance costs.

CO 0028ENA

C00028HNA

RADIATOR

CLEANER

• Excellent protection against corrosion.

CLEANER

grease and debris.

500 ml

1 L.

# REMOVES OIL FROM RADIATOR THAT COMES BY BROKEN HEAD GASKET

Removes oil from radiator that comes by

500 ml.	CO 0047FNA	No las	5 L.	CO 0047JNA
1 L.	CO 0047HNA		25 L.	C00047KNA







#### **RADIATOR MAINTENANCE**

CO 0028.INA

C00028KNA







OFF-ROAD RECOMMENDED

1 L.	CO 0048HNA
5 L.	CO 0048INA

## racing coolant COOLANT **ANTI-FREEZE** from -50 °C to +185 °C

#### WATER FREE FORMULA

100 % concentrate water free coolant antifreeze.

- Avoids overheating.
- Reduces the pressure in the cooling svstem.
- Prevents corrosion caused by water.
- More coolant and heat transmitter
- than conventional antifreeze.
- Rust circuit protection.
- Prevents erosion and cavitation.
- Extreme durability
- Does not attack the different materials
- High stability and low volatility.

ontrack

coolant

No foaming or residues.



#### ON TRACK USE

1 L.	CO 0055HNA
5 L.	CO 0055JNA
25 L.	CO 0055KNA



Colourless fluid, coolant, formulated without glycol and with anti-corrosion H2O demineralized based additives Specially developed for using it on asphalt racing.

- Formulated without glycol.
- No sliding in contact with the asphalt.
- High heat transmitting qualities.
- Great against corrosion.
- Reduces temperature of the engine up to .5°C
- It does not damage gaskets or seals.
- Avoids crystallization fouling.



#### **ANTI FREEZER** COOLANT

Organic antifreeze monoethyleneglycolbased diluted with demineralized water and additives to prevent oxidation and depression.

Contains long-term organic inhibitors to provide better cooling system performance.

Depending on its concentration, produces a low freezing point, boiling point rises, prevents corrosion and foaming formation.

#### AVAILABLE: 1 L. - 5 L. - 25 L. - 200 L.

LONG LIFE: 3% - 30% - 50%

50% - 100% G-12:

# INTEGRAL ENGINE TREATMENT



KIT ECONOMIZER is a combination of two products: Ceroil Platinum and Ceroil Inyetsol+ wich achieves a comprehensive treatment of the engine by reducing friction and wear, improving engine's lubrication and combustion.

#### **REDUCES:**

- Fuel consumption.
- Engine wear.
- Pollutant emissions.
- Engine noise.



#### INCREASES:

- Engine's life.
- Time between overhauls.
- Engine's compression.
- Engine performance.

#### kit economizer

Clean Injectors INYETSOL+ & Anti Friction PLATINUM

CAR	500 + 200 ml.	CO 0032FNA
MOTORBIKE	100 + 100 ml.	CO 0031FNA
TRUCK	1 L. + 1 L.	CO 0034FNA







