

WAGNER Universal Micro-Ceramic Oil

Universal Micro-Ceramic Oil additive applicable for all engine and gear oils.

Applications

WAGNER Micro-Ceramic Oil Additive can be used in all standard mineral, synthetic, or semi-synthetic engine and gear oils and is safe for use in engines equipped with turbo chargers and catalytic converters, wet clutches and wet brakes.

NOT for use in automatic, DSG/CVT or vario transmissions, in wet single-disc or multi-plate brakes in agricultural and construction machines, in converter gears of industrial trucks.

For automatic transmissions, WAGNER ATF Power Mix should be used.

How It Works

WAGNER Micro-Ceramic Oil Additive contains billions of Nano sized ceramic spheres that greatly enhance the lubrication capacity of standard engine oils. The microscopic sized ceramic spheres adhere to the metal's porous surface, smoothing the normally rough surface. At the same time the ceramic particles act as Nano ball bearings, reducing friction and allowing the smooth metal surfaces to freely glide over one another. This reduced friction also lowers the running temperature and extends the service lifespan.

Under extreme pressures, the ceramic spheres lose their shape creating a film, bonded, to the metal surfaces. This ceramic film gives the metal a durable layer of protection, allowing it to withstand extreme pressures. The ceramic-on-ceramic film that is created not only reduces wear and friction but also reduces engine noise as the components are running smoother and more efficiently. There is no longer metal gliding on metal, but rather ceramic gliding on ceramic.

Micro-Ceramic lubricants do not interfere or react with standard oil additives. Therefore, WAGNER Micro-Ceramic Additives can be used in all engine and gear oils without having any negative impact on the standard oil's make-up or functionality.

Due to the ceramic spheres size of 0.15 – 0.25 microns, filters do not collect the micro-ceramic particles and do not become blocked. This means WAGNER Micro-Ceramic will pass through all full flow filters. WAGNER Micro-Ceramic should not be used in partial flow filters of 1 micron or less nor be used in sub-micron filter systems.



WAGNER Universal Micro-Ceramic Oil

Advantages

- decreases fuel consumption and oil consumption
- decreases wear, reduces friction
- decreases oil running temperatures
- decreases engine or transmission noise
- decreases operational costs
- decreases emissions
- increases protection
- increases engine/gear lifespans
- enhances engine performance
- smoothens gear change

Technical Data WAGNER Universal Micro-Ceramic Oil

Property	Test method	Test result	Unit
Kin. Viscosity (40 °C)	DIN EN ISO 3104	279.3	mm ² /s
Kin. Viscosity (100 °C)	DIN EN ISO 3104	28.12	mm ² /s
Viscosity index	DIN ISO 2909	134	
Oxidized ash	DIN EN ISO 6245	0,10	% (m/m)
Sulphate ash	ISO 3987	0,12	% (m/m)
Pourpoint	DIN ISO 3016	-36	°C
Density (20 °C)	DIN EN ISO 12185	903.9	kg/m ³

Application & Dosing

WAGNER Micro-Ceramic Oil Additive can be used in all standard mineral, synthetic, or semi-synthetic engine and gear oils and is safe for use in engines equipped with turbo chargers and catalytic converters, wet clutches and wet brakes.

Petrol, diesel, gas engine oils 10 %
Transmission oils 10 % (20 % under extreme load)

Shake the container well for approx. 30 seconds, fill in with a warm engine and let the engine run for approx. 10 minutes. We recommend changing the oil and filter beforehand and using WAGNER Motor Cleaner.

Not for use in automatic, DSG/CVT or vario transmissions, in wet single-disc or multi-plate brakes in agricultural and construction machines, in converter gears of industrial trucks.

For automatic transmissions, WAGNER ATF Power Mix should be used.

WAGNER Universal Micro-Ceramic Oil

Packaging

Available Container	Content	Item No.
Round metal case	300 ml	013300
Round metal case	500 ml	013500
Plastic can	1 l	013001
Plastic can	5 l	013005
Plastic can	20 l	013020

The information of this datasheet is made to the best of our knowledge and advises only a technically certified user on possible applications. WAGNER Spezialschmierstoffe is not liable for any property damage incurred as a result of improper use, mishandling, and or any use outside the prescribed method of use, purpose, or application. Any and all warranty and or damage claims will be subject to investigation on the use, method of application, and intent of application of the used product.