

OZONIC® 203

GENERAL DESCRIPTION

Ozonic 203 is one in a series of products developed as a suitable alternative to chlorinated solvents (Trichloroethylene (TCE), Trichloroethane 111 (TCA)), aqueous, semi-aqueous, acetone, kerosene and mineral spirits. Ozonic 203 is free of chlorine, Ozone Depleting Chemicals (ODC's), and is non-toxic, non-corrosive, non-hazardous and classified non-flammable.

The Ozonic is a synthetic hydrocarbon with chemically engineered molecules, which harmonize themselves with fats, oils and greases commonly found in metalworking fluids. The harmonized molecular structure of the Ozonic Series allows customers around the world to easily reengineer their cleaning processes and help them ultimately reach the point of "0" discharge.

APPLICATION

AT THE MACHINE:

Ozonic 203 can easily replace the hazardous solvents that are found next to and around most factories. The current practice of cleaning parts as soon as they come from the machine can be converted from a troublesome operation to a smooth and efficient one.

The synthetic hydrocarbon composition of the Ozonic allows it to be compatible with most brands of metalworking fluids and is guaranteed 100% compatible with Hangsterfer's Hard Cut and CC Series. Synthetic hydrocarbons are very lubricious and when small quantities are introduced into a cutting oil its lubricity will not be compromised.

Procedure:

- Replace existing solvents used at the machine for parts cleaning.
- Once the Ozonic becomes saturated with the metalworking fluid it can be added to the approved metalworking fluid.
- Saturated Ozonic 203 addition to the metalworking fluid should not exceed 20% of the average daily make-up quantities. This prevents the Ozonic from over-diluting the properties of the metalworking fluid in use.

DIP TANKS:

Following is the recommended procedure for replacing existing cleaning systems or to complement existing parts washing systems.

Tank 1	Wash	Ozonic	68° to 104°F or 20° to 40°C
Tank 2	Wash	Ozonic	68° to 104°F or 20° to 40°C
Tank 3	Rinse	Ozonic	68° to 104°F or 20° to 40°C
Tank 4	Rinse	Ozonic	68° to 104°F or 20° to 40°C

MAINTENANCE

The Ozonic series is recyclable by means of decantation, distillation and micro-filtration. Micro-filtration is the most common method used to recycle Ozonics. This fine filtration process will remove the insoluble contaminants such as carbon, dirt, dust, etc. For optimal residue removal, virgin Ozonic should be used for the final rinse.

PRODUCT CHARACTERISTICS	OZONIC 203
Form	Liquid
Color	Clear
Odor	Bland
Specific Gravity	0.76
Viscosity: SUS @ 100°F	32
cSt @ 40°C	2
Flash Point, COC, °F/°C	230 / 110
Fire Point, COC, °F/°C	250 / 121
Pour Point, °F/°C	25 / -4
Solubility in Water	<0.01%
Boiling Point, °F/°C	>284 / 140
Vapor Pressure, mm Hg @ 25°	>0.1
pH @ 10%	Not Applicable
Sulfur, Active	0.0%
*Chlorine	0.0%
Phosphorus	0.0%
VOC	100%
Solids Content	0.0%
Silicone	0.0%

SHIPPING UNITS

All Hangsterfer's products are available in 5 gallon, 55 gallon and Intermediate Bulk Containers (1,000 liters). All products are distributed worldwide.

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The general description, recommended uses, application data and statements in the product literature are guidelines. Because this product may be used for a variety of applications over which Hangsterfer's Laboratories, Inc. has no control, Hangsterfer's Laboratories, Inc. assumes no liability for incidental, consequential, or direct damages of any kind, regardless of causes, including negligence.