



VpCI™ METALWORKING PRODUCTS

EcoLine® 3220

PRODUCT DESCRIPTION

EcoLine 3220 is an exciting addition to our biodegradable line of products made with renewable resources. EcoLine 3220 is a 100% biobased ready-to-use temporary coating. This canola oil-based product offers a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection in storage and shipment. In addition EcoLine 3220 provides long lasting vapor corrosion inhibition.

Made from renewable materials and containing canola oil as a carrier, this product is environmentally safe, has excellent thermostability and has no effect on rubber, plastics or paints.

In addition EcoLine 3220 provides multimetal protection and lubricity in a variety of applications.

FEATURES

- Complete multimetal protection
- Environmentally friendly and biodegradable
- Biobased
- Safe for users
- VOC-free
- Provides universal corrosion protection
- Combines film-forming additives with (VpCIs)
- Provides excellent anti-corrosion protection in high humidity atmospheres and chloride-containing environments
- Lubricates parts
- Good replacement for mineral oil and flammable solvents
- Low pour point (-18°C)

TYPICAL APPLICATIONS

- Machines and equipment
- Maintenance
- Temporary coating for storage and shipment
- Wire
- Sheet metals
- Pipe
- Flanges
- Gears
- Fabricated or machined parts

APPLICATION

EcoLine 3220 is a ready-to-use product and can be applied by dipping, spraying or brushing at many stages of metal fabrication or for storage and shipment.

METALS PROTECTED

- Carbon steel
- Aluminum and alloys
- Copper and alloys
- Cast iron
- Galvanized steel
- Stainless steel

TYPICAL PROPERTIES

Appearance	Clear amber liquid
Non-volatile Content	97-99%
Density	7.3-7.5 lb/gal (0.87-0.90 kg/l)
ASTM D-1748	400 hours

STORAGE AND PACKAGING

EcoLine 3220 is packaged in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. The product should remain sealed during storage. The shelf life of EcoLine 3220 is up to 24 months.



FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

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