Renewable Lubricants, Inc.
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Bio-Concrete™ Mold Release Fluids (Soy Based)

STABILIZED™ by Renewable Lubricants

"Bio-based Lubricants that Perform Like Synthetics"

Bio-Concrete™ Mold Release Fluid (Plus Corrosion Inhibitor):
A BCI product that is highly effective as a mold release or parting compound for cast concrete products. This bio-based formula results in smooth finishes on concrete cast from slurries. In addition to its performance as a parting compound, the product is effective as a rust preventative, protecting the metal forms from rusting during use and storage. The absence of rust on the forms eliminates staining of the formed piece and serious loss of the forms themselves. It allows the metal forms to stay clean; "hang-up" or excessive deposits on the form edges are virtually eliminated. This product is also biodegradable[1], which is highly important because of loss into the environment. Because of the high flash, the product is safer than petroleum products. This product is more fire resistant and contains no volatile organic compounds (VOCs).

TYPICAL TEST DATA
ASTM D-445 5.3 cSt @ 40ºC ASTM D-92 Flash Point 220ºC ASTM D-97 Pour Point -10ºC

Bio-Concrete Mold Release Fluid (Low Viscosity General Purpose):
A general purpose, lower cost product that is effective as a mold release or parting compound for cast concrete products. This bio-based formula results in improved finishes on concrete cast from slurries, and may be used in applications where corrosion inhibition is not a concern. This product is also biodegradable[1], which is highly important because of loss into the environment. Because of the high flash, the product is also a safer product than petroleum solvents with comparative viscosity range. This product is more fire resistant and contains no volatile organic compounds (VOCs).

TYPICAL TEST DATA
ASTM D-445 4.5cSt @ 40ºC ASTM D-92 Flash Point 145ºC ASTM D-97 Pour Point -1.1ºC

Bio-Concrete Mold Release Fluid (Modified):
Additive composition, surface tension, and viscosities of the Concrete Mold Release Fluid can be modified for special customer needs. ***RLI can custom design the above products by adjusting viscosities between 4 cSt to 50 cSt at 40ºC, increasing corrosion inhibitors, and improving cold temperature performance.***

STABILIZED by Renewable Lubricants* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

[1] Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants

Proprietary Formula

* Trademark of Renewable Lubricants, Inc.

Availability **F.O.B.: Bolton, ON, Canada** **5 Gallon Pails** **Drums** **Bulk**