

LUBRIZOL™ 2063H

Adhesion promoter for metal substrates

PERFORMANCE COATINGS

PRODUCT DESCRIPTION

Lubrizol 2063H improves the adhesion of solvent and water-based coatings to many metal substrates. This high performance additive improves adhesion through the formation of a direct bond with the metal. It is especially effective on aluminum and on ferrous metals such as cold-rolled and galvanized steel.

FEATURES/BENEFITS

- Improves dry and wet adhesion in direct to metal coatings
- Improved corrosion resistance through better adhesion
- Broad resin compatibility in solvent and water-based coatings

PHYSICAL CHARACTERISTICS*

Appearance	Amber liquid
Active content (by weight)	54-58%
Viscosity (cP)**	Max 3700
Density (g/cm ³)	1.09
Flash point (PMCC) °C (°F)	58 (136)
Solvent	Ethylene glycol monobutyl ether

* Property values represent typical results only and are not to be considered specifications.

** Measured on Brookfield® RVF viscometer, #3 spindle, 20 rpm @ 25° C (77° F)

TYPICAL APPLICATIONS

- Industrial and heavy-duty protective coatings
- Can coatings
- Coil coatings and primers

- Acrylic & Polyester melamine, solvent and water based
- Alkyd, thermosetting, solvent and water based
- Epoxy, solvent and water based
- Urethane dispersions
- Acrylic dispersions

Lubrizol 2063H can be added in the pigment grind or under high shear at the let-down stage of production.

Lubrizol 2063H is acid functional and can catalyze the cross-linking of acid cured coatings. In such cases the level of catalyst or the stoving temperature may need to be adjusted.

For use in water-based systems, Lubrizol 2063H can be pre-neutralized with an appropriate amine to improve compatibility. Dilution in glycol ether prior to post addition or neutralization can reduce shocking in pigmented coatings.

The recommended addition level for Lubrizol 2063H is 1 - 3% as supplied, based on total formula. Coating formulations should be optimized for optimal adhesion and film hardness.

RECOMMENDED RETEST DATE (RRD)/STORAGE

Lubrizol 2063H is supplied in metal pails and drums.

It should be stored in the original, closed containers between 5° - 30° C.

RRD: 2 years.

For storage, please refer to the SDS.

REGULATORY STATUS

Please see the product's current safety data sheet, SDS, for regulatory information. You can request a SDS at www.lubrizolcoatings.com.

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The Lubrizol logo consists of the word "Lubrizol" in a bold, sans-serif font, with a blue swoosh underline that starts under the 'L' and ends under the 'l'.

www.lubrizolcoatings.com