

# VISCOPLEX® 14-515

High Performance Lubricant Defoamer



### Function

Optimised to provide excellent foam control, VISCOPLEX® 14-515 has the significant benefit of reduced air entrainment compared to traditional defoamers.

### Performance

VISCOPLEX® 14-515 is an antifoam additive for foam control in non-aqueous media.

Typical treatment rates are from 20–40 ppm in final lubricant systems. Exceeding the air release properties of traditional silicone oils, it is an alternative to silicone oils, polyacrylates or mixed defoamer systems.

VISCOPLEX® 14-515 will control foam in formulations using mineral oils, polyalphaolefins and both natural and synthetic esters. Consistent performance is maintained with extended storage in final blends.

VISCOPLEX® 14-515 is suitable for use in both multi component additive packages and separately for incorporation into final lubricant formulations. Capable of operating over a wide temperature range, VISCOPLEX® 14-515 retains foam control with extended lubricant use.

**Table 1**

**Physical Data**

Visual Appearance	Yellow to brownish liquid
Active content	Approx. 80%
Solvent	Solvesso 150
Silicon content	Approx. 9 (w/w)%
Density (25 °C)	Approx. 1.0 g/cm <sup>3</sup>
Viscosity (25 °C)	Approx. 750 mPas
Flash Point	>60 °C

### Composition

VISCOPLEX® 14-515 is a synthetic liquid defoamer, based on organomodified siloxanes, supplied as an 80% concentrate in Solvesso 150.

### Application and Handling

The final treatment rate of VISCOPLEX® 14-515 may vary depending on the base oils and other additives present. The optimum dosage has to be evaluated in a suitable test series. We recommend an initial dosage of 20 ppm.

To ease defoamer introduction into the formulation and to ensure consistent defoaming efficiency we recommend to prepare a dilution of 5% VISCOPLEX® 14-515 in a co-solvent system.

This dilution can easily be incorporated in the final fluid with low shear mixing.

VISCOPLEX® 14-515 is soluble in a variety of aromatic or aliphatic solvents (e.g. long-chain alcohols) and dibasic esters.

### Packaging

25 kg pail and 175 kg drums.

### Storage stability

Stable in closed containers for a minimum of 12 months.

### Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances protective measures for storage and handling
- measures in case of accidents and fires
- toxicity and ecological effects is given in our Material Safety Data Sheets, available on request.

### Additional Information

VISCOPLEX® 14-515 is a patented technology developed within Evonik.

For additional information on product availability, performance data and Material Safety Data Sheets, please contact your RohMax account manager or Customer Service Representative.

See our website at [www.rohmax.com](http://www.rohmax.com).

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