Additin® RC 8400

Specialty Product

Description:
Thermally stable EP additive for greases

Composition
polymeric bound solid lubricant

Appearance
white granules

Sulfur
approx. 28 % weight

Density, 20 °C
approx. 1580 kg/m³

Application - EP-Greases
Additin RC 8400 is a white, odorless, none dusting extreme pressure additive with additional excellent yellow metal compatibility. The well balanced combination of special polymers and the solid provides extremely high efficiency of Additin RC 8400 at low dosage.

Due to its outstanding EP performance Additin RC 8400 is ready to pass the increasing requirements on highly loaded bearings e.g. for the steel industry. The excellent yellow metal compatibility enable Additin RC 8400 to run in long term contact to copper and its alloys, e.g. brass cages.

Additin RC 8400 is ideal suited to formulate high temperature greases.

The dust-free Additin RC 8400 contributes to keep the working environment safe and clean. Additin RC 8400 boasts excellent dispersion properties.

Additin RC 8400 is compatible with other additives and all common thickener types. However,
this has to be verified in the base grease used.

**Solubility**

Additin RC 8400 softens and allows excellent dispersion in all types of greases at a temperature > 70°C by stirring.

The recommended formulation temperature of Additin RC 8400 is between 200°C and 70°C, preferred 120°C - 90°C, during cool-down before the finishing homogenization process.