Unofficial TECHNICAL INFORMATION SHEET

Additin® RC 8000 Specialty Product

Description:
Wear- and drag reducer and lubricity improving additive

Composition

Sulfur containing ester

Appearance
light brown, clear, viscous liquid

Color (ASTM-D 1500)
Typically 4

Sulfur
approx. 12% weight

Density, 20C (ASTM-D1298)
approx. 950 Kg/m3

Flash Point, COC (ASTM-D 92)
approx. 200C

Application - Drilling Muds - Greases

- Connector lubricants, Jacking greases- Offshore lubricants such as gear oils, hydraulic fluids, finishing fluids- Windmill gears for offshore and onshore wind farms- Use in lubricants and greases for railroad and/or near water courses or any environmentally sensitive area

Additin RC 8012 is a unique performance chemical designed for use in all environmentally sensitive applications, particularly offshore. It provides outstanding lubricity, friction reduction as well as drag/wear reduction under extreme pressure frictional conditions. This outstanding technical performance is combined with excellent compatibility with the sea water
environment, as proven by marine food chain toxicity and sea water biodegradability tests (for more information see MSDS).

Additin RC 8012 is a unique state of the art high technology product to fulfill the challenges in all environmentally sensitive applications, including offshore lubricants and fluids by combining improved technical performance with environmental compatibility.

It is ideally suited for heavy duty drilling operations both in oil and in waterbased muds where a low frictional lubrication film is essential in order to protect casing and tubing against wear and reduce drilling force and energy consumption. It may be considered a universal performance chemical to improve life time of equipment, reduce friction for a longer, deeper and smoother drill and thereby increase the rate of penetration (ROP).

Additin RC 8012 enhances extreme pressure, antiwear and lubricity properties in all kinds of offshore fluids and lubricants such finishing fluids, hydraulics, gears oils and greases (e.g. connector greases).

**Solubility** Soluble in mineral oils and synthetic base oils. However, it is necessary to verify the solubility in the base oils used and the compatibility with other additives.