

Supplier - SMART OIL

Smart Base RP9190

Borate Ester Based and Carboxylic Acid Salt Corrosion Inhibitor

Water-Based Corrosion Inhibitors

Typical Properties

Appearance	Clear Yellow to Amber Liquid
Specific Gravity@25°C	1.000 - 1.100
pH Value (5% Water Dilution)	7.0 - 8.5
Refractometer Reading (5% Water Dilution)	4.0 - 5.5
Residue Film Layer	Soft, Not Viscous

Product Description

SMART BASE RP9190 contains diethanolamine derivatives and lubricant packages.

SMART BASE RP9190 has lower pH value and specially long rustproof period. It can be used in synthetic, semi-synthetic and soluble oil formulations.

SMART BASE RP9190 can dilute with water to form standalone in-process rust preventive, or as tankside additive. Translucent protective film will be formed on surface of workpieces after evaporation of water.

Product Advantages:

- Appearance clear transparent light yellow;
- Extremely good protection on cast iron and other ferrous metals;
- Good protection on yellow metals such as copper and aluminum;
- Will not jeopardize system stability as pH around 8;
- Strong resistance against hard-water.

Applications

General Application

Suggested Treat Rates, %wt

3 - 10

Print date: 05-08-26

Disclaimer: Information provided by this website and product page including specifications, applications and formulations are based on tests and data supplied by Smart Oil companies, manufacturers or any of our collaborated companies or suppliers, which are believed to be correct and reliable at the time of writing and data update. However, Smart Oil companies, manufacturers or any of our collaborated companies or suppliers make no warranty or responsibility, express or implied, of any kind regarding products, performance, formulations or applications, as operation conditions and application environments are beyond our control, or products will be modified by action of manufacturers or due to change in market environments. Users are herewith expressly requested to conduct test to determine the suitability of our products or product information before use. Furthermore, we regret that we cannot be responsible for informing customers any changes in specifications, formulations, or other technical contents on this website and product page. Also, We hereby state that all product trademarks other than Smart Oil, including trademarks from our , suppliers are the trademarks belong to the respective companies, or from their sources.