

Supplier - SMART OIL
Smart Base RP9490

Water-Based Corrosion Inhibitors
Phosphate Ester Based Corrosion Inhibitor

Typical Properties

Appearance	Clear Yellow to Amber Liquid
Specific Gravity@25°C	1.000 - 1.200
pH Value (Concentrate)	8.4
pH Value (5% Water Dilution)	7.8 - 8.8
Viscosity@40°C, cSt	100 - 300
Residue Film Layer	Soft, Not Viscous
Std Packaging (NW / GW, Kg)	247.0 / 230.0

Product Description

SMART BASE RP9490 is a high performance corrosion inhibitor for yellow metals.

SMART BASE RP9490 contains alkanolamine, carboxylate acid salt and triazole derivatives. It is suitable for formulations of soluble oils, semi-synthetic and synthetic fluids.

SMART BASE RP9490 can effectively protect various types of aluminum alloys; including 319 (cast aluminum alloy), 2024-T3 (high copper aluminum alloy), 6061 (high magnesium aluminum alloy) and 7075 (high zinc aluminum alloy). It can also protect copper and cast iron.

SMART BASE RP9490 has pH greater than 8, so system stability cannot be spoiled easily.

SMART BASE RP9490 possesses lubricating property, so can extend tool life.

Product Features:

- Will not reduce pH value when added in formulation;
- Will improve lubricity and AW properties;
- Good hard water resistant;
- Liquid, so easy to blend.

Applications

Concentrate
Sumpside

Suggested Treat Rates, %wt

1 - 5
0.05

Print date: 05-05-24

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.