

Supplier - SMART OIL  
**Smart Base RP9690**  
*Borate Ester Corrosion Inhibitor*  
*Water-Based Corrosion Inhibitors*

**Typical Properties**

Appearance	Clear Yellow Light Liquid
Specific Gravity@25°C	1.100 - 1.200
pH Value (Concentrate)	10.6
pH Value (5% Water Dilution)	9.0 - 10.5
Residue Film Layer	Soft, Not Viscous

**Product Description**

**SMART BASE RP9690** is a rust preventive package formulated for emulsions, semi-synthetic and synthetic coolants. It can be used for both oil-rejecting and oil-absorbing synthetic fluids.

**SMART BASE RP9690** contains no nitrite, and is recommended for use in synthetic and semi-synthetic fluids for improving rust inhibition in nitrite-free formulations. After appropriate dilution with deionized water, it can be used as in-process rust preventive.

**SMART BASE RP9690** can maintain good anti-rust capability in hard water environment. It can also fortify biocide performance and reduce biocide treat rate.

**Applications:**

- Synthetic rust preventive for in-process protection;
- Rust preventive for tank side addition;
- Rust preventive component in synthetic and semi-synthetic coolants.

**SMART BASE RP9690** is completely water soluble in all proportions.

**Applications**

General Application

**Suggested Treat Rates, %wt**

3 - 20

*Print date: 29-04-26*

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