

Supplier - SMART OIL

**SmartPhos P9930**

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*Phosphorus Containing Coupond***Typical Properties**

Appearance	Deep Amber Liquid
Specific Gravity@25°C	0.910 - 0.920
Viscosity@40°C, cSt	30 - 39
Phosphorus Content, %wt	> 4
Acid Value, mgKOH/g	< 160
Flash Point C.O.C., °C	> 140
Copper Corrosion+	1b
P <sub>B</sub> /P <sub>D</sub> , kg++	143 / 500
Microtap Test ,Ncm <sup>+++</sup>	101.4
Std Packaging (NW / GW, Kg)	200.0 / 217.0

**Product Description**

**SMARTPHOS P9930** is deep amber, low viscosity phosphorus containing package additive, which has high resistance to hydrolysis. Product can be applied to water-based formulations, which can effectively replace animal fat and chlorinated paraffin to boost the lubricating and extreme pressure properties.

**SMARTPHOS P9930** has good anti-wear and extreme pressure characteristics, which are suitable for application in drawing, stamping, calendaring, rolling and forging technologies.

**SMARTPHOS P9930** has good compatibility in different groups of mineral oils, synthetic oils and synthetic esters that can help the blenders to blend stable products.

**SMARTPHOS P9930** is not apt to corrode ferrous and non-ferrous metals, so, it can machine yellow metals.

**Applications**

General Application

**Suggested Treat Rates, %wt**

1-10

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