

Supplier - SMART OIL

SmartPhos P9930

Phosphorus Containing Coupond

Phosphate Containing Additives

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 _B /P _D , kg++ | 143 / 500 |
| Microtap Test ,Ncm ⁺⁺⁺ | 101.4 |

*10% additive in SN150, 3h, 100

++4 Ball Wear Test; 5% additive in SN150, Servo Motor Speeds reach 1500rpm (P^B) and 1760rpm (P^D) in 0.03sec.

+++TTT System G8, Material:3.4365M4F, Speed:1500rpm, Depth 8mm, Max. Output Torque 400Ncm.

Product Description

SMARTPHOS P9930 is deep amber, low viscosity phosphorus containing package additve, 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, calendering , 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

Print date: 08-06-26

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.