

Supplier - SMART OIL
SmartPhos P6910
Phosphate Ester
Phosphate Containing Additives

Typical Properties

Appearance	Light Yellow To Deep Brown Liquid
Specific Gravity@25°C	1.000 - 1.100
Viscosity@40°C, cSt	900 - 1500
Phosphorus Content, %wt	> 6
Acid Value, mgKOH/g	< 350
Flash Point C.O.C., °C	> 80
P _B /P _D , kg+	94 / 315

*4 Ball Wear Test; 5% additive in SN150, Server Motor Speeds reach 1500rpm (P_B) and 1760rpm (P_D) in 0.03sec.

Product Description

SMARTPHOS P6910 is a light color, low odor phosphate ester that possesses anti-wear, anti-corrosion, wetting, emulsifying, detergency and dispersant characteristics. It is suitable for using in formulations of rolling, drawing and stamping oils.

SMARTPHOS P6910 can effectively reduce smog and improve the surface finishing of workpieces in severe processing.

SMARTPHOS P6910 can be used in water-based or oil-based cutting formulations to boost lubricity and anti-wear performance. It can function as anti-wear agent in water-based formulations to machine magnesium and aluminium materials.

SMARTPHOS P6910 is a biodegradable product that is good to the environment.

Print date: 31-12-25

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