

Supplier - SMART OIL
SmartPhos P5710
Phosphate Containing Additives
2-Ethyl Hexyl Phosphate

Typical Properties

Appearance	Light Brown Liquid
Specific Gravity@25°C	0.900 - 1.050
Viscosity@40°C, cSt	80 - 90
Phosphorus Content, %wt	> 7
Acid Value, mgKOH/g	< 400
Flash Point C.O.C., °C	> 70
P _D /P _D , kg+	94 / 400
Std Packaging (NW / GW, Kg)	217.0 / 200.0

Product Description

SMARTPHOS P5710 is a light color, low viscosity multifunctional phosphate ester with corrosion inhibiting, wetting and defoaming characteristics.

SMARTPHOS P5710 can be neutralized with organic amines such as alkanolamine; which make the product emulsifiable in water, and is a good dilutable product for processing aluminum or magnesium alloys.

SMARTPHOS P5710 possesses anti-wear and anti-rust characteristics that can be used in the formulations of cutting, hydraulic and gear oils.

SMARTPHOS P5710 has good dispersing function that can maintain cleanliness of the workpieces and cutting tools during processing.

SMARTPHOS P5710 can lower the surface tension of the cooling system, that provides defoaming characteristic.

Applications

Metal Working Oils
 Rust Preventive

Suggested Treat Rates, %

1 - 2
 8 - 15

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