

Supplier - SMART OIL  
**Smart Base CR-2070**  
*Phosphors Containing Additive*  
*Chlorine Replacement Additives*

### Typical Properties

Appearance	Amber Liquid
Specific Gravity@25°C	0.900 - 1.000
Viscosity@40°C, cSt	140 - 340
Phosphors content, %wt	≥ 2.6
Acid Value, mgKOH/g	≤ 90
Flash Point C.O.C., °C	≥ 160

### Product Description

**SMART BASE CR-2070** is a kind of low viscosity EP additive that can replace chlorinated paraffin in heavy duty cutting oil and emulsion formulations.

**SMART BASE CR-2070** is non-corrosive to yellow metal, so it can be used to process both non-ferrous and ferrous metals. It has good extreme pressure and anti-wear properties, also, it can extend tool life.

**SMART BASE CR-2070** has a higher fatty content with excellent lubricity, which can effectively improve the surface finishing of workpieces.

**SMART BASE CR-2070** can replace chlorine by ratio of 1:1. For instance, treatment of 4% of 50% chlorinated paraffin contributes to 2% chlorine content in the formulation; so 2% of **SMART BASE CR-2070** can be used for replacement.

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