

Supplier - SMART OIL

Smart Base CR-2080

Phosphorus Containing Compound

Chlorine Replacement Additives

Typical Properties

Appearance	Dark Brown Liquid
Specific Gravity@25°C	0.950 - 1.050
Viscosity@40°C, cSt	1400 - 2000
Acid Value, mgKOH/g	< 160
Flash Point C.O.C., °C	> 160

Product Description

SMART BASE CR-2080 is a low viscosity EP additive that can replace chlorinated paraffin in heavy duty cutting fluid.

SMART BASE CR-2080 is non-corrosive and can be used to process non-ferrous and ferrous metals. Its high extreme pressure and anti-wear characteristics can get the tool and fluid life extended.

SMART BASE CR-2080 has optimal fatty content which can effectively improve the surface finishing of the workpiece.

SMART BASE CR-2080 can replace chlorine in the ratio of 1:1. For example, in cutting oil formulation, the dosage of chlorinated paraffin with a chlorine content of 50% is 4%, then the chlorine content of the entire formula is 2%, and 2% of SMART BASE CR-2080 can be used to replace.

SMART BASE CR-2080 can be used in the formulation of water-based fluid for drawing, drilling and cutting and stamping processing.

Print date: 01-05-26

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