

Supplier - SMART OIL

Smart Base CR-2050*Chlorine Replacement Additives**Light Color Sulfurized Sulphonate***Typical Properties**

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|-----------------------------|--------------------|
| Appearance | Clear Amber Liquid |
| Specific Gravity@25°C | 1.050 - 1.150 |
| Viscosity@40°C, cSt | 20 - 60 |
| Sulfur Content,%wt | 4 - 5 |
| Fatty Ester Content, %wt | 40 - 60 |
| Flash Point C.O.C., °C | > 160 |
| Std Packaging (NW / GW, Kg) | 217.0 / 200.0 |

Product Description

SMART BASE CR-2050 is a clear amber EP additive to replace chlorinated paraffin. It can be used in cutting oil formulations for heavy-duty metalworking.

SMART BASE CR-2050 will not stain non-ferrous metals, so it can be used for operations on non-ferrous and ferrous metals. It offers superior AW and EP properties to prolong tool life.

SMART BASE CR-2050 contains high volume of fat, thus can improve surface finishing of the workpieces.

SMART BASE CR-2050 can replace chlorine on one-to-one basis. For example, a cutting oil contains 4% of 50% chlorinated paraffin bringing to the formula 2% chlorine, therefore, 2% **SMART BASE CR-2050** would substitute the product.

SMART BASE CR-2050 is used in neat oil formulations mostly and not recommended for use in water-based product formulations (soluble oil, semi-synthetic and synthetic).

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