

Supplier - SMART OIL

SmartPhos W5880

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*Phosphate Additive*Typical Properties

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|------------------------------|--|
| Appearance | Clear Colourless to Pale Yellow Liquid |
| Specific Gravity@25°C | 1.150 - 1.300 |
| Viscosity@40°C, cSt | 500 - 700 |
| pH Value (5% Water Dilution) | 1.0 - 3.0 |
| Phosphorus Content, %wt | 4 - 7 |
| Std Packaging (NW / GW, Kg) | 230.0 / 240.0 |

Product Description

SMARTPHOS W5880 is a water soluble phosphate ester, which provides excellent anti-wear and EP properties to the finished coolant. It can effectively improve the product finishing for both ferrous and non-ferrous alloys.

As **SMARTPHOS W5880** is incorporated with low foam emulsifier, it will not produce much foam when blended in formulations.

SMARTPHOS W5880 is a good at replacing traditional chlorinated paraffin in water-based formulations. Due to its colorless characteristic, it can easily be blended with other components to make up the colorless finished coolant with strong anti-wear characteristic.

SMARTPHOS W5880 can also be used as a tankside additive for enhanced performance in product finishing, especially for the aluminum alloys.

SMARTPHOS W5880 can be used for light-duty drawing operations which require oil-free and residual film easily removed.

Applications

Soluble Oils / Semi-synthetics /
Synthetics
Tankside
Light Duty Drawing

Suggested Treat Rates, %wt

3 - 8

0.5 - 1

10 - 25

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