Supplier - SMART OIL
SmartPhos W5882
Phosphate Ester Package
Water-Based EP Additeves

## **Typical Properties**

## **Product Description**

**SMARTPHOS W5882** is a phosphorus containing package that can boost the boundary lubricity and extreme pressure characteristics in water-based coolant.

**SMARTPHOS W5882** is designed for use in soluble oil, semi-synthetic and fully-synthetic formulations, which is suitable for the machining for both ferrous and non-ferrous metals.

**SMARTPHOS W5882** can be used as tank side additive that can improve the product finishing and reduce the smoke evolved at the points of metal contacts during machining.

**SMARTPHOS W5882** exhibits synergistic effect when it is used together with other lubricity boosters such as **SMARTFORT LB6220** or **SMARTFORT LB6230**, which can obviously boost the anti-wear and extreme pressure performance. The mixture is especially good for stamping and drawing applications.

**SMARTPHOS W5882** itself is a fully-fledged product that can be used as stamping drawing coolants after being inverted dilution with water (water was poured into **SMARTPHOS W5882**).

ApplicationsSuggested Treat Rates, %wtSump Side2Semi-synthetics / Synthetics3 - 15Drawing20 - 45

Print date: 03-12-25