

# DYN 3-272



## Zinc Butyl Octyl Primary Alkyl Dithiophosphate

### Description

**DYN 3-272** is Zinc Butyl Octyl Primary Alkyl Dithiophosphate (ZDDP). It can effectively protect engine bearings from corrosion, and prevent oil viscosity growth due to oxidation in a high temperature. DYN 3-272 is light in color and nice in oil solubility and additive compatibility. It can be widely adopted in various industrial lubricating oils such as gear oil and hydraulic oil. the product can be used to produce all grades engine oils.

### Special Features

- Anti-oxidation and anti-corrosion performance
- Anti-wear and extreme pressure properties.
- Combined with detergents and dispersants
- Very good solubility

### Recommended Treat Rate

Performance Level	DYN 3-272, (%wt)
-	0.5 - 3.0

### Typical Characteristics

Typical Inspection	Specification	Test Method
Kinematic Viscosity @ 100°C , cSt	Report	ASTM D445
Flash Point (COC) , °C	180 Min.	ASTM D92
Sulfur Content , % wt	14.5 - 18.0	ASTM D1552
Zinc Content , % wt	8.5 - 10.0	ASTM D4951
Phosphorus Content , % wt	7.2 - 8.5	ASTM D4951
Density @ 20°C, Kg/m <sup>3</sup>	1080 - 1130	ASTM D4052

### Packing And Handling

**DYN 3-271** is packed in metal drums and when handling this product, the maximum temperature of 48°C should be observed for storage. In case of long time storage we suggest the temperature not to exceed 45°C. Avoid contact with water or moist air.