



ATOM CHEMICALS

AC-1091

ANTIOXIDANT AND CORROSION INHIBITOR

AC-1091 is Zinc Diocetyl Primary Alkyl Dithiophosphate. This product features excellent oxidation resistance, corrosion resistance, and anti-wear and extreme pressure properties. It has high thermal stability and excellent oil solubility and additive compatibility. It can be compounded with sulfonate detergents and dispersants to apply in high grade diesel engine oils or compounded with other additives to apply in anti-wear hydraulic oils. The dosage is 0.5% - 3.0%.

Typical Characteristics.

Characteristics	Typical Value
Appearance	Light yellow to amber transparent liquid
Color Number	0.6
Flash Point, COC, °C	200
Kinematic Viscosity (100°C), mm ² /s	25.5
Density @ 20°C, kg/m ³	1113
S Content, m%	16.6
P Content, m%	7.9
Zn Content, m%	9.8
pH Value	6.1
Water Content, m%	0.02

Packaging.

The product is packed in 200 Ltr metal drum. Also available in Bulk ISO



Progress to Zero Emissions