



ATOM CHEMICALS

AC-1093

ANTIOXIDANT AND CORROSION INHIBITOR

AC-1093 is a long-chain zinc alkyl dithiophosphate, a kind of antioxidant and anti-corrosion agent. This product has excellent thermal and hydrolytic stability with outstanding anti-oxidation and anti-wear performance, which can effectively solve the problem of engine cylinder sleeve and piston's abrasion under high temperature and pressure. It can be widely adopted in various oils, especially for high grade diesel engine oil and gasoline engine oil. The general dosage is 0.5% - 2.5%.

Typical Characteristics.

Characteristics	Typical Value
Appearance	Amber transparent liquid
Colour Number	0.8
Flash Point (COC), °C	191
Kinematic Viscosity (100°C), mm ² /s	39.6
Density @ 20°C, kg/m ³	1131
S Content, m%	17.2
P Content, m%	9.1
Zn Content, m%	10.2
pH Value	6.2
Water Content, m%	0.04

Packaging.

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



Progress to Zero Emissions