

DESCRIPTION

Formulated from bentone clay, **AP-1™** is noted for its high temperature insensitivity, is non-melting and does not thicken excessively at temperatures as low as 0°F (-18°C). It has mechanical stability, is water resistant, displays high stability on working, has excellent adhesion to metals, pre-vents wear and has superior storage life.

AP-1 contains oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance.

AP-1 is recommended for anti-friction bearings, ball and roller bearings, sleeve bearings, journals, shackles, slides, conveyor chains, U-joints, sealed assemblies, chassis and general lubrication.

- Protects against rust and corrosion
- Prevents wear
- Highly adhesive to metal
- Resistant to water
- Superior storage life
- Color—Clear Amber

APPLICATIONS

AP-1 is a clear amber, smooth, non-melting, water resistant grease for general purpose lubrication of plain and anti-friction bearings such as bearings in cookers, oven chain drives, forges, hot air lowers and dryers.

OPERATING RANGE:
0°F (-18°C) to 550°F (288°C)

PRODUCT CHARACTERISTICS

Thickener	Organo Clay
Fluid Type	Lube Oil
Color	Amber
Dropping Point (ASTM D-566)	None
Specific Gravity	0.91
Density (lb/gal)	7.60
Additive Type	Organic
Flash Point (ASTM D-92)	>560°F (293°C)
Autoignition Point (CALCULATED)	>680°F (360°C)
NLGI Grade	2
Penetration @77°F (ASTM D-217)	265 – 295
Copper Strip Corrosion (ASTM D-4048)	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf	160
Load Wear Index	25
Wear Scar Diameter (ASTM D-2266)	0.65
Oxidation Resistance (ASTM D-942)	<5.0
PSI Drop, 100 hours	
Base Oil Viscosity (ASTM D-445)	414 – 506
cSt @ 40°C	