

## DESCRIPTION

Formulated from bentone clay, **AP-5™** 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, prevents wear and has superior storage life.

**AP-5** contains molybdenum disulfide, oxidation inhibitors, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance.

**JET-LUBE's AP-5** 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-Black

## APPLICATIONS

**JET-LUBE's AP-5** is a black, smooth, non-melting, water resistant grease. It contains molybdenum disulfide (MoS<sub>2</sub>) to yield high film strength with low coefficient of friction. Resists fretting corrosion. Suitable for use in plain and anti-friction ball and roller bearings. Provides heavy-duty protection for such heavy-industry equipment as kiln bearings, crushers, crane ladles, press and hammer guides and lift-bridge pin bearings. AP-5 is recommended for high temperature blowers, fans and oven conveyors. It is also approved for certain oilfield connection lubrication.

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

## PRODUCT CHARACTERISTICS

Thickener	Organo Clay
Fluid Type	Lube Oil
Color	Black
Dropping Point (ASTM D-566)	None
Specific Gravity	0.92
Density (lb/gal)	7.70
Additive Type	Organic & MoS <sub>2</sub>
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	250
Load Wear Index	40
Wear Scar Diameter (ASTM D-2266)	0.7
Oxidation Resistance (ASTM D-942)	<5.0
PSI Drop, 100 hours	
Base Oil Viscosity (ASTM D-445) cSt @ 40°C	414 – 506

**For package types and part numbers  
contact [sales@jetlube.com](mailto:sales@jetlube.com).**

## LIMITED WARRANTY

For warranty information please visit  
[http://www.jetlube.com/pdf/Jet-Lube\\_Warranty.pdf](http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf)

You can also email us at [sales@jetlube.com](mailto:sales@jetlube.com) or write to the Sales Department at the address below.