



AP-5™

HIGH-TEMP MULTI-PURPOSE GREASE

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 (MoS₂) 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 ₂ |
| 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) | 414 – 506 |
| cSt @ 40°C | |

For package types and part numbers contact sales@jetlube.com

LIMITED WARRANTY

For warranty information please visit

http://www.jetlube.com/pdf/Jet-Lube_Warranty.pdf

You can also email us at sales@jetlube.com or write to the Sales Department at the address below.