



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## AP-5™ High-Temp Non-Melting Black Grease

### DESCRIPTION

AP-5 is formulated from bentone clay, noted for its high temperature properties. It is usable to 288°C (500°F) and does not thicken excessively at temperatures as low as -18°C (0°F). It has good mechanical stability and water resistance. AP-5 displays high stability on working, has excellent adhesion to metals, prevents wear and has superior storage life. AP-5 contains oxidation inhibitors and corrosion inhibitors to provide positive protection for extreme conditions which require heavy-duty lubricant performance. AP-5 is recommended for anti-friction bearings, ball and roller bearings sleeve bearings, journals, shackles, slides, conveyor chains, Universal joints, sealed assemblies, chassis and general lubrication.

### ADVANTAGES

- Protects against rust and corrosion.
- Prevents wear.
- Highly adhesive to metal.
- Resistant to water.
- Superior storage life.
- Colour: Black.

### APPLICATIONS:

AP-5 is black, smooth, non-melting water-resistant grease with Molybdenum disulphide to give high film strength and low coefficient of friction. Resists fretting corrosion. Provides heavy-duty protection for such heavy-industry equipment as kiln bearings, crushers, crane ladles, hammer guides and lift-bridge pin bearings.

AP-5 is especially recommended for plain bearings.

### PRODUCT CHARACTERISTICS

Service range:	-18°C (0°F) to 288°C (500°F)
Thickener:	Organo Clay
Fluid Type:	Petroleum Oil
Colour:	Black
Dropping Point (ASTM D-566):	None
Specific Gravity:	0,92
Density (lb/gal):	7,70
Additive Type:	Organic & ZnO
Flash Point (ASTM D-92):	>560°F (293°C)
Autoignition Point (CALCULATED):	>680°F (360°C)
NLGI Grade:	2

Penetration @ 25°C (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)	
PSI Drop, 100 hours:	<5,0
Base Oil Viscosity (ASTM D-445)	
cSt @ 40°C (104°F):	90-110

### PACKAGING

Code	Net contents	Container
71227368	400g	Cartridge
70435832	500g	Tub
21110580	1kg	Tub
23003101	5kg	Pail
34963104	12,5kg	Pail
79823616	16kg	Pail

### LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



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