



Bringing Quality & Excellence

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TECHNICAL DATA SHEET

AP-1W™ High-Temp Non-Melting White Grease

DESCRIPTION

AP-1W™ is formulated from bentone clay and is noted for its high temperature insensitivity, is nonmelting and does not thicken excessively at temperatures as low as -18°C (0°F). 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-1W™ contains oxidation inhibitors, boundary lubricants, corrosion inhibitors and metal deactivators. It offers positive protection for extreme services, which require heavy duty lubricant performance. AP-1W™ 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.

ADVANTAGES

- Protects against rust and corrosion.
- Prevents wear.
- Highly adhesive to metal.
- Resistant to water.
- Superior storage life.
- Colour: Off-White.
- No dropping point.

APPLICATIONS:

AP-1W is an off-white, smooth, nonmelting, water resistant grease containing lead-free zinc oxide for acid neutralization and antiwear properties. Used for instrument assembly, household appliances, automobile door hinges, locks, brake assemblies, window actuators-- wherever a white grease is preferred and dark grease would be objectionable.

PRODUCT CHARACTERISTICS

Service range:	-18°C (0°F) to 288°C (550°F)
Thickener:	Organo Clay
Fluid Type:	Petroleum Oil
Colour:	Off-White
Dropping Point (ASTM D-566):	None
Specific Gravity:	0,92
Density (lb/gal):	7,70
Additive Type:	Organic & ZnO
Flash Point (ASTM D-92):	>430°F (221°C)
Autoignition Point (CALCULATED):	>500°F (260°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:	160
Load Wear Index:	29
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
26162102	400g	Cartridge
40494241	500g	Tub
76554537	5kg	Pail
32366662	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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