

# Cat<sup>®</sup> Grease

Finding that market brands failed to provide sufficient protection in our highly demanding applications, Caterpillar designed grease products specifically to protect and extend life of Cat equipment in the most rigorous applications. The unique calcium sulfonate complex thickener in our premium greases provides superior protection for the most severe environments on Earth.

## Lithium Complex Thickener



### Cat Utility Grease

- NLGI 2
- General Purpose Product – where solid additives are not required
- Corrosion Protection – resists oxidation and protects metal against rust
- For low speed and low load applications where operating temperatures are between  $-20^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ )



### Cat Prime Application Grease

- NLGI 2
- Reduced Component Wear – resists softening and protects parts for optimal life
- Extreme Pressure – enhanced with 3% Moly for moderate loads
- Long life – for applications where speed, loads and temperature are moderate
- Performs and protects where operating temperatures are between  $-20^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ )



### Cat Extreme Application Grease – Arctic

- NLGI 0
- Extreme-Cold Operation – pumps and protects where operating temperatures are between  $-50^{\circ}\text{C}$  to  $+130^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$  to  $+266^{\circ}\text{F}$ )
- Extreme Pressure - 5% Moly for exceptional heavy duty performance
- Synthetic base oil

### Cat Ultimate Arctic Grease

- NLGI 000
- Long life - High-quality lithium complex thickener in a synthetic base oil, fortified with 5% molybdenum disulfide (moly) delivers unmatched performance in Cat applications.
- Extreme cold operation - Performs and protects at operating temperatures down to  $-50^{\circ}\text{C}$  ( $-58^{\circ}\text{F}$ ).
- Reduced component wear - Resists softening and continues to protect parts under extreme loads and high speeds.
- Corrosion Protection - Resists oxidation and protects metal against rust. Will not corrode or damage steel, copper bearing alloys or conventional seal materials

## Calcium Sulfonate Thickener



### Cat Extreme Application Grease 1

- NLGI 1
- Extreme Pressure - 5% Moly added for extreme impact and wear resistance
- Moisture Resistance – resists washout from fresh and salt water
- Performs and protects where operating temperatures are between  $-20^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ )



### Cat Extreme Application Grease 2

- NLGI 2
- Extreme Pressure – 5% Moly added for extreme impact and wear resistance
- Moisture Resistance – resists washout from fresh and salt water
- Performs and protects where operating temperatures are between  $-15^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$  ( $+5^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ )



### Cat Extreme Application Grease – Desert

- NLGI 2
- Extreme-Heat Operation – performs and protects where operating temperatures are between  $+10^{\circ}\text{C}$  to  $+140^{\circ}\text{C}$  ( $+50^{\circ}\text{F}$  to  $+284^{\circ}\text{F}$ )
- Extreme Pressure - 5% Moly for exceptional heavy duty performance
- Mineral base oil

## SPECIALTY GREASES

### Cat Ball Bearing Grease

- Provides outstanding protection at high speeds and high temperatures associated with ball, needle and sealed bearing applications

### Cat Hammer Paste\*

- Formulated for extreme temperatures and applications. Prevents seizing and significantly slows wear in applications with repetitive impact and vibration

### Cat High Vacuum Grease\*

- Stiff silicone resists high temperatures while maintaining a seal under vacuum or pressure

### Cat Petro Gel Amber\*

- Compound aiding in assembly of components

\*Order through Antares



## Reference Table

		Lithium Complex				Calcium Sulfonate Complex			Polyurea
Previous Cat Product Name		Cat Multipurpose	Cat Advanced 3 Moly	Cat Arctic Ultimate	Cat Arctic Platinum	Cat Ultra5 Moly #1	Cat Ultra5 Moly #2	Cat Desert Gold	Cat High Speed Ball Bearing
Package Description	Size	Cat Utility Grease	Cat Prime Application Grease	Cat Ultimate Arctic Grease	Cat Extreme Application Grease - Arctic	Cat Extreme Application Grease 1	Cat Extreme Application Grease 2	Cat Extreme Application Grease - Desert	Cat Ball Bearing Grease
Cartridge**	450 g, 15.9 oz.**	452-6015	452-6010			452-6000	452-6005	452-7458	454-0292
Cartridge	390 g, 14 oz.	452-6011	452-6006		508-2184	452-5996	452-6001	452-6016	454-0291
Plastic Pail	16 kg, 35 lb.	452-6014	452-6009		508-2185	452-5999	452-6004	452-6019	
Keg	55 kg, 120 lb.	452-6013	452-6008	597-4552	508-2186	452-5998	452-6003	452-6018	
Drum	180 kg, 400 lb.	452-6012	452-6007	621-7050	508-2187	452-5997	452-6002	452-6017	

		Specialty		
Package Description	Size	Al Complex	Silicone	Does Not Contain a Thickener
		Cat Hammer Paste	Cat High Vacuum Grease	Petro Gel Amber
Cartridge	390 g, 14 oz.	130-6951		
Cartridge-AutoLube	390 g, 14 oz.	317-8491		
12 pack of 317-8491	390 g, 14 oz.	317-8492		
Tube	283 g, 10 oz.			369-9451
Tube	150 g, 5.3 oz.		6V-2055	
Plastic Pail	2.72 kg, 6 lb.			
Plastic Pail	5 kg, 11 lb.	133-8807		369-9450
Plastic Pail	16 kg, 35 lb.			

Not all products and package sizes will be available in your area.

\*\*Only available in Australia & New Zealand

See your local Cat Dealer for more information or visit us on [parts.cat.com](http://parts.cat.com).

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