

# Cat<sup>®</sup> Ultra 5Moly Grease

For grease fittings and lubrication points in high-load and high-speed applications

NLGI Grade 0,1,2



## Recommended Use

Cat Ultra 5Moly Grease is formulated for grease fittings and lubrication points in high-load and high-speed applications with ambient temperatures ranging from -40° to 35°C (-40° to 95°F) for NLGI #0, -35° to 40°C (-31° to 104°F) for NLGI #1 and -30° to 50°C (-22° to 122°F) for NLGI #2.

## Discover the Difference

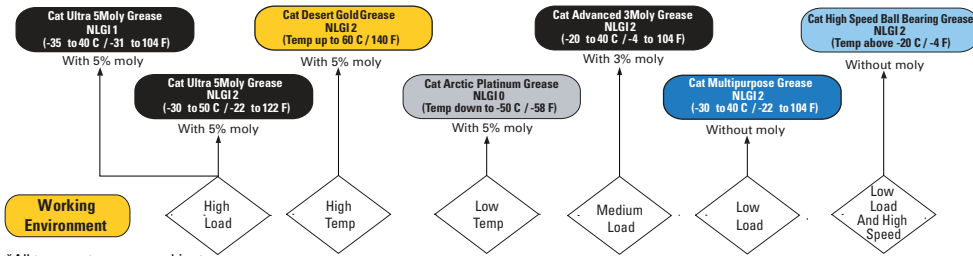
Cat Ultra 5Moly Grease is developed, tested and approved by Caterpillar to meet the same high standards as Genuine Cat Parts.

- Long Life—High-quality calcium sulfonate complex formula with 5% molybdenum disulfide moly provides long service life in Cat applications.
- Moisture Resistance—Resists washout from fresh and salt water.
- 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.
- Low Environmental Risk—Is formulated to use no lead, antimony, zinc, barium, chlorine, phosphorus or free sulfur.

**CATERPILLAR<sup>®</sup>**

# Cat® Ultra 5Moly Grease

## Grease Selection Guide\*



\*All temperatures are ambient.

## Typical Characteristics\*

NLGI #	0	1	2
Ambient Range, F	-40° to +95°	-31° to +104°	-22° to +122°
Ambient Range, C	-40° to +35°	-35° to +40°	-30° to +50°
Operating Range, F	-49° to +300°	-40° to +300°	-25° to +300°
Operating Range, C	-45° to +149°	-40° to +149°	-32° to +149°
Base Fluid Type	Petroleum	Petroleum	Petroleum
Thickener Type	Calcium Sulfonate Complex	Calcium Sulfonate Complex	Calcium Sulfonate Complex
Color	Gray	Gray	Gray
% Molybdenum disulfide	5	5	5
Worked Penetration (mm)	355-385	310-340	265-295
% Change/100,000 stroke	+/-5	+/-5	+/-5
Roll Stability w/H <sub>2</sub> O, % change	+/-5	+/-5	+/-5
Viscosity Index, Min	N/A	N/A	N/A
Viscosity @ 100°C, cSt	11.5	11.5	11.5
Viscosity @ 40°C, cSt	150	150	150
4 Ball Wear (mm) Max, Typ.	0.5	0.5	0.5
4 Ball E.P. Weld Point (kg) Min.	620	620	620
Timken E.P. Test OK load (lb) Typ.	60	60	60
Oxidation-psi drop/500 hr Max	N/A	N/A	N/A
Rust Test	Pass	Pass	Pass
Salt Fog Test, hours	+4,000	+4,000	+4,000
Copper Corrosion	1a	1a	1a
Dropping Point	+288°C (+550°F)	+288°C (+550°F)	+288°C (+550°F)

\*The values shown are typical values and should not be used as quality control parameters to either accept or reject product. Specifications are subject to change without notice.

## Other Recommended Greases

### Cat Desert Gold™ Grease

For extremely hot temperatures up to 60°C (140°F).

### Cat Arctic Platinum™ Grease

For extremely cold temperatures down to -50°C (-58°F).

## Health and Safety

Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. Always observe good hygiene measures. Read and understand the Material Safety Data Sheet (MSDS) before using this product. For a copy of the MSDS, visit us on the web at [www.catmsds.com](http://www.catmsds.com).

## CAT® DEALERS DEFINE WORLD-CLASS PRODUCT SUPPORT.

We offer you the right parts and service solutions, when and where you need them.

The Cat Dealer network of highly trained experts can help you maximize your equipment investment.



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