

**CAM2 Ultra 580 EP Grease with  
3% Moly NLGI GC-#2, NLGI GC-LB  
Product Code # 297**



**CAM2 Ultra 580 EP with 3% Moly** is a true multipurpose high performance grease. It can be used in any application that calls for NLGI #2 grease. **CAM2 Ultra 580 EP with 3% Moly** exceeds all the NLGI requirements for the NLGI GC-LB specification for automotive disc brake wheel bearing grease. **CAM2 Ultra 580 EP with 3% Moly** is the latest development in the grease industry and is considered a synthetic type grease. It is formulated with synthetic thickeners and is designed to improve several properties over conventional multipurpose greases. It has **3% Moly Disulfide** for additional EP protection. **CAM2 Ultra 580 EP with 3% Moly** is compatible with most other thickener systems. This product is also available in NLGI grades 1 and 0.

**CAM2 Ultra 580 EP with 3% Moly** is made with premium quality high VI oils, additives and synthetic thickeners. The thickener is the latest development in the grease industry. Calcium Complex thickeners offer performance properties never before available in a multipurpose grease. First among these is incredible corrosion protection. Calcium Sulfonates are known worldwide for their corrosion protection. As part of the thickener system there is a significant amount of Calcium Sulfonate in **CAM2 Ultra 580 EP with 3% Moly**.

**CAM2 Ultra 580 EP with 3% Moly** is completely shear stable. There is no loss of thickening power over 100,000 cycles in a grease working test. This offers long re-greasing intervals in high speed bearings.

**CAM2 Ultra 580 EP with 3% Moly** offers a very high dropping point. It can be used in any high temperature applications suitable for petroleum base grease. High polymer content makes this grease exceptionally water resistant. It has superb water washout and water spray off protection. Combined with the corrosion protection, these properties make **CAM2 Ultra 580 EP with 3% Moly** and excellent grease for marine applications. The Calcium Sulfonate Complex thickener will also tend to keep machine parts free from deposits.

Contact your CAM2 representative or CAM2 distributor for additional information.

**PRODUCT  
BULLETIN**

**www.CAM2.COM**  
**800-338-CAM2**

With excellent EP properties **CAM2 Ultra 580 EP with 3% Moly** can withstand the toughest load conditions offered by off road machinery. It is excellent for chassis lubrication on heavy trucks. The EP performance is provided by liquid EP additives and supplements with **3% Moly Disulfide**.

## FEATURES

- A TRUE PREMIUM QUALITY MULTIPURPOSE GREASE
- EXCELLENT FOR DISC BRAKE WHEEL BEARING APPLICATIONS
- ULTRA MODERN CALCIUM COMPLEX THICKENER
- SHEAR STABLE OVER THOUSANDS OF CYCLES
- VERY HIGH DROPPING POINT - A GOOD HIGH TEMPERATURE GREASE
- HIGH EP
- 3% MOLY DISULFIDE
- OUTSTANDING WATER RESISTANCE
- OUTSTANDING CORROSION PROTECTION

## TYPICAL TEST DATA

TEST	ASTM METHOD	TYPICAL RESULT
Penetration @ 77°F.		
Unworked	D 217	276
Worked 60 Strokes	D 217	279
Worked 10,000 Strokes	D 217	284
Worked 100,000 Strokes	D 217	287
Roll Stability Penetration (% Change)	D 1831	293 (+5.0)
Low Temperature Torque, 1 Min., -40 C, NM	D 4693	9.00
Low Temperature Mobility - US Steel Method, 0° F., Grams / Minute (Steel Industry Minimum Specifications 3 to 5 Grams / Minute)		14
Dropping Point °C, (°F)	D 2265	288 (550)
Four Ball Wear Scar Diameter, mm	D 2266	0.45
Four Ball Load Wear Index	D 2596	75
Four Ball Weld Point, KgF	D 2596	800

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TEST	ASTM METHOD	TYPICAL RESULT
Fafnir Bearing Weight Loss, 22 Hr @ RT, mg loss	D 4170	6
Timken OK Load, Lbs.	D 2509	65
Wheel Bearing Life Test, Hrs.	D 3527	100
Wheel Bearing Leakage, 20 Hr, 160 C, 1000rp	D 4290	4
Seal Compatibility	D 4289	
Elastomer CR, 70 Hr., 100 C.		
Hardness Change, %		0
Volume Change, %		7.7
Elastomer NBR-L, 70 Hr. 150 C.,		
Hardness Change, %		2.8
Volume Change, %		-3
Rust Prevention Rating, Salt Water	D 1743	Pass
Rust Prevention Rating, DI Water	D 1743	Pass
Water Washout @ 175" F, %	D 1264	0.50
Oil Separation, % Loss	D 1742	0..50
Base Oil		
Viscosity @ 100" C., cSt.	D 445	12.5
Viscosity @ 40" C., cSt.	D 445	118
Viscosity Index	D 2270	95

**CONCLUSION**

Technology marches on. Calcium Sulfonate Thickeners are the latest development in the grease industry. They have not yet been adopted by commodity marketers. You can depend on CAM2 to provide the latest and the best technology our industry can provide. This is a high performance multipurpose grease. It provides a wide operating range, and it is very stable in use. The corrosion protection far surpasses that available with any other thickening system. The resistance to water is unsurpassed. You cannot buy a better multipurpose grease than **CAM2 Ultra 580 EP with 3% Moly**.

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**PRODUCT  
 BULLETIN**