

# MOREL PRIVATE LABEL LIFTERS

**John Callies**

**Hi Performance Lifter Sales**

Web: [www.JohnCalliesInc.com](http://www.JohnCalliesInc.com)

January 2013

Subject: New Product Announcement  
Morel Ultimate Fighter Roller Series with Bushings

The Morel Ultimate Fighter Roller Series (UFRS) of lifters uses bushings instead of roller bearings. Morel will continue to offer lifters using roller bearings as well.

We pioneered the use of bushing lifters beginning in 1990. We were granted a patent in January 1992, which ran for 17 years and expired in 2009. We developed the bushing lifters for the Buick turbo V-6 that ran races at the Indianapolis 500, when stock blocks were allowed. We were able to get 1500 race miles before the parts required rebuild at Indianapolis. The rpm range on the V-6 was 7000 to 8500, depending on the engine builder. Of course, the engines were maintained with proper engine oil, oil temperature and oil pressure.

The benefit of the bushing is more contact area between the axle and bushing, which allows greater load carrying capacity. These lifters also use our full time pressure oiling system that we use in our current Ultra Pro lifters. The other major benefit is that as the bushing wears, you will see additional lash. This tells you it is time to rebuild the lifter. Lifters with roller bearings can be used until the bearings fail, which can have the possibility of additional engine damage.

**It is important that no restrictors in the oil system be used with these lifters.** Proper engine maintenance for the lifters requires clean engine oil and proper oil temperatures and pressures.

Externally, these lifters will look almost identical to the corresponding set of lifters using roller bearings. The bushings, like roller bearings, are concealed within the roller/axle/body assembly area.

Morel Motorsports continues to offer a full line of products from street to professional racing. The new Ultimate Fighter Roller Series will be available in March for shipping.

**See a photo-example of a Lifter with bushings on the next page.**

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## A sample Lifter using a Bushing



Visually, a Lifter with a Bushing may appear virtually identical to the same Lifter with Roller Bearings. Both the Bushing and the Roller Bearings are concealed within the Body/Wheel/Axle assembly area.



**Wheel & Bushing**

**Axle**



**Wheel, Bushing & Axle**