

# AMSOIL SLIP LOCK(R) DIFFERENTIAL ADDITIVE

Product Code: ADATB-EA

*Eliminate differential chatter and noise for smoother, quieter rides--compatible with most gear oils and easy to apply in minutes.*



## Product Description

AMSOIL Slip Lock Differential Additive eliminates chatter and noise in clutch-type limited-slip differentials, delivering the right friction modification for smooth, predictable engagement in cars, trucks, and SUVs.

Clutch-type limited-slip differentials rely on a specific friction profile to engage and release properly. When the friction modifier in the gear oil breaks down or isn't matched to the clutch pack, the result is an annoying chatter or shudder, most noticeable during slow, tight turns in parking lots or around corners. It sounds like something is broken, and if left unaddressed, the repeated stick-slip action accelerates clutch pack wear.

### ELIMINATES LIMITED-SLIP DIFFERENTIAL CHATTER

That shuddering noise coming from the rear end during low-speed turns is almost always a friction modifier issue. AMSOIL Slip Lock Differential Additive contains advanced friction modifiers specifically formulated to restore the correct friction characteristics in clutch-type limited-slip differentials. It safely replaces the manufacturer-recommended friction modifier additive, whether you're running synthetic or conventional gear oil in your Ford F-150 rear axle, Ram 1500 limited-slip differential, Chevy Silverado, Jeep Wrangler, or Toyota Tacoma with a factory limited-slip.

### COMPATIBLE WITH SYNTHETIC AND PETROLEUM GEAR LUBRICANTS

Slip Lock works with whatever gear lube is already in the housing. It's formulated to be compatible with both synthetic and petroleum-based gear oils, so there's no need to drain and refill just to add the friction modifier your differential needs. One 4-ounce squeeze tube treats differential capacities of 2 to 4 quarts, covering the vast majority of passenger car, truck, and SUV rear differentials on the road.

### CONVENIENT SQUEEZE-TUBE APPLICATION

Getting additive into a differential fill hole isn't always easy, especially with a bottle. The squeeze-tube packaging on Slip Lock makes it simple to apply directly into the gear housing without a pump or funnel. Remove the fill plug, squeeze the tube in, and you're done.

### WORKS ALONGSIDE AMSOIL SEVERE GEAR

AMSOIL SEVERE GEAR synthetic gear lubes are formulated with friction modifiers already built in, and most limited-slip differentials will operate quietly without any additional additive. But differentials vary. Clutch pack condition, spring tension, and wear patterns all affect friction behavior. If chatter persists after switching to SEVERE GEAR, adding Slip Lock will resolve it in any mechanically sound differential.

### Applications and Compatibility

AMSOIL Slip Lock Differential Additive is recommended for clutch-type limited-slip differentials in cars, trucks, and SUVs. This includes popular applications like the Ford 8.8-inch and 9.75-inch rear axles, GM 10-bolt and 12-bolt differentials, Ram 9.25-inch and 11.5-inch rear ends, Toyota and Nissan limited-slip equipped axles, and Jeep Dana 35 and Dana 44 differentials with factory limited-slip.

It is not for use in automatic transmissions, torque-vectoring differentials, or any application requiring automatic transmission fluid. It is also not intended for Torsen-style or helical-gear limited-slip differentials, which do not use clutch packs.

#### Dosage

One 4-ounce tube treats differential capacities of 2 to 4 quarts. Add the full tube at the time of gear oil change or whenever limited-slip chatter develops.

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## Frequently Asked Questions

### Q1: What vehicles and differentials is AMSOIL Slip Lock Differential Additive designed for?

AMSOIL Slip Lock Differential Additive (ADATB) is recommended for cars, trucks, and SUVs equipped with clutch-type limited-slip differentials. It is also applicable across a wide range of equipment categories including motorcycles, ATVs, UTVs, snowmobiles, marine outboard, PWC, heavy-duty on-road and off-road vehicles, and agricultural equipment. It is not for use in automatic transmissions or other applications requiring automatic transmission fluid.

### Q2: Does AMSOIL Slip Lock Differential Additive eliminate rear differential chatter and noise?

Yes, AMSOIL Slip Lock Differential Additive contains advanced friction modifiers specifically formulated to help eliminate gear housing chatter in clutch-type limited-slip differentials. Verified users have reported that adding Slip Lock made a significant difference in differential operation, resulting in noticeably quieter performance and smoother shifting. It will eliminate chatter in mechanically sound differentials.

### Q3: How much AMSOIL Slip Lock Differential Additive do I need for my differential?

One four-ounce tube of AMSOIL Slip Lock Differential Additive treats differential capacities of two to four quarts. The product comes in a convenient squeeze-tube package designed for quick and easy application directly into the gear housing. It is available as a single 4 oz. tube or in a case of 12.

### Q4: How does AMSOIL Slip Lock compare to manufacturer-recommended limited-slip differential friction modifiers?

AMSOIL Slip Lock Differential Additive is formulated to safely replace manufacturer-recommended friction modifiers for clutch-type limited-slip differentials. It contains advanced friction modifiers that help eliminate gear housing chatter, and verified users have reported reduced resistance from differentials and noticeably quieter operation after adding Slip Lock to their gear oil.

### Q5: Do I need to add AMSOIL Slip Lock Differential Additive if I already use AMSOIL synthetic gear lube?

AMSOIL synthetic gear lubes do not require the addition of Slip Lock Differential Additive. However, not all differentials respond the same way, and AMSOIL notes that the addition of Slip Lock will eliminate chatter in mechanically sound differentials. If you experience any chatter with your limited-slip differential even when using AMSOIL synthetic gear lube, adding Slip Lock can resolve it.

### Q6: Is AMSOIL Slip Lock Differential Additive compatible with both synthetic and conventional gear oils?

Yes, AMSOIL Slip Lock Differential Additive is formulated for use with both synthetic and petroleum gear lubricants. It is designed to be safely added to the gear housing alongside your existing gear oil. However, it is not compatible with automatic transmissions or any other applications that require automatic transmission fluid.

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## Available Product Codes

Product Code	Package Size	Unit of Measure
ADATB-EA	4 oz. Tube	Each
ADATB-CA	4 oz. Tube	Case of 12

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