



Service Bulletin

PRELIMINARY INFORMATION

Subject: Engine Oil Crankcase Sludge

Models: 2001 - 2010 Chevrolet Silverado

2003 - 2009 Chevrolet Kodiak

2006 - 2010 Chevrolet Express

2001 - 2010 GMC Sierra

2003 - 2009 GMC Topkick

2006 - 2010 GMC Savana

Equipped with the 6.6 Duramax Diesel Engine RPO codes LB7, LBZ, LLY or LMM

This PI was superseded to update model years and engine RPO's. Please discard PIP4436B.

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

Condition/Concern

A dealer may encounter a customer concern of engine noise, low oil pressure, overspeed condition, or abnormal oil sludge build up in the crankcase.

Certain blends of Bio-fuel may induce excessive amounts of sludge in the crankcase of the engine.

Recommendation/Instructions

Complete the current SI diagnostic for any trouble codes or symptoms found.

If an excessive amount of sludge is found in the crankcase the vehicle may be running a high percentage of Bio-fuel.

Check oil change records and verify proper oil change intervals are being followed.

Use the Duramax Diesel Owner's Manual Supplement for guidelines on proper fuel usage.

At this time (unless directed differently by owner's manual), fuels containing up to 5% biodiesel (B5) are acceptable for use in LMM and prior RPO vehicles.

The National Biodiesel Board website (www.biodiesel.org) can be accessed and has important information about specifications and guidelines for biofuel usage.

Biofuel blends higher than B5 may cause unburned fuel to enter the crankcase past the piston rings.

Over time this may cause engine oil sludge problems.

If a dealer does encounter an engine with excessive sludge, and oil change intervals are being followed, ask the customer about the type of fuel is being used.

If fuel with higher than owner's manual specification is being used, advise the customer the sludge was caused by improper fuel.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

GM bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer". They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your GM dealer for information on whether your vehicle may benefit from the information.



WE SUPPORT VOLUNTARY TECHNICIAN CERTIFICATION