



# LUCAS OIL PRODUCTS, INC. PRODUCT DATA SHEET

## HEAVY DUTY OIL STABILIZER



Lucas Heavy Duty Oil Stabilizer is a blend of pure lubricating fluids, refined and extracted from petroleum. With a development that has spanned thousands of hours of combined laboratory, field trials, and customer use, the result is a product that improves the performance of multiple lubricant types across many applications, including automotive, heavy-duty trucking, industrial and agricultural lubricants, just to name a few. Lucas Heavy Duty Oil Stabilizer is a high-performance supplement to any lubricating fluid, boosting performance in even the harshest of conditions.

Due to its tenacious grip on metal surfaces, it leaves a lubricating film even after the engine or equipment has been shut off, ensuring that when the equipment or engine is restarted, a strong lubricating film is present to protect critical components. It extends the life of worn engines and equipment by reducing wear and providing a strong lubricating film between moving parts in contact with each other. Reducing metal-on-metal friction reduces wear and energy loss, improving fuel efficiency and heat transferred to the engine's cooling system. Worn engines commonly experience excessive blow-by, which is when combustion gasses escape the combustion chamber through the piston compression rings, entering the crankcase and subsequently rerouted to the air intake of the engine through the pressurized crankcase ventilation (PCV) system. Lucas Heavy Duty Oil Stabilizer improves and restores ring seal, resulting in less blow-by and higher compression. Blow-by is known to adversely affect the life of engine oil as it contaminates the oil with combustion byproducts such as soot and organic acids, reducing the oil's reserve alkalinity. If your engine smokes, you will likely see less of it when using Lucas Heavy Duty Oil Stabilizer. This is due not only to improved ring-seal, but also because the petroleum derived liquid polymers used in the product burn cleanly, unlike standard base oils.

Lucas Heavy Duty Oil Stabilizers blends well with all lubricants, even synthetic lubricants. It can be used in virtually any lubricant to raise viscosity at all temperatures. Applications include engines, manual transmissions, and rear differentials, to name a few.

### PART NUMBER AND SIZE:

10001 – 1 Quart (Case of 12)  
10002 – 1 Gallon (Case of 4)  
10015 – 5 Gallon Pail (1 Pail)  
10091 – 55 Gallon Drum  
10398 – Tote

### FEATURES AND BENEFITS:

- Increases oil life and boosts wear protection
- Reduces oil consumption
- Eliminates dry starts
- Raises oil pressure
- Increases power and energy efficiency in worn equipment

### MAIN APPLICATIONS:

For MOST ENGINES, use a ratio of 10-20% or up to ONE QUART of Heavy Duty Oil Stabilizer per gallon of engine oil. For WORN ENGINES, more if necessary. For MANUAL TRANSMISSIONS and TRANSFER CASES, use a ratio of 20-30% of Lucas Heavy Duty Oil Stabilizer.

For DIFFERENTIALS, use 10-20% of Lucas Heavy Duty Oil Stabilizer. For INDUSTRIAL GEAR BOXES use 20% for preventative maintenance and up to 30% to eliminate leaks and overheating.



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## TYPICAL PHYSICAL CHARACTERISTICS:

PROPERTIES	ASTM	TYPICAL
API Gravity	D4052	26.5
Specific Gravity @ 60°F	D4052	0.8956
Density @ 60°F, Lbs/US Gal	D4052	7.322
Viscosity @ 100°C cSt	D445	112.4
Flash Point, COC @ °F	D92	470
Appearance		Amber viscous liquid

These characteristics are typical of current production. However, slight variations in these characteristics may occur.

## LINKS AND ADDITIONAL INFORMATION:

For additional product or health and safety information, including product Safety Data Sheets, visit [LucasOil.com](https://www.LucasOil.com)