



Tech Bulletin #: TB-1040	Part Number: 1040
Date Issued: January 16, 2020	Date Revised: n/a
Bar's Leaks® Rear Main Seal Repair	Size: 16.9 FL OZ (500 mL)

Rear Main Seal Repair

Most rear main seal leaks are caused by a combination of normal wear in the crankshaft & seal and the drying, hardening and shrinking of the main seal. Bar's Leaks Heavy Duty Rear Main Seal Repair restores the seal to like new condition and also contains additives to stop leaks in severely worn seals and crankshafts. Compatible with all petroleum based engines oils including high-mileage and synthetic. Works with ALL vehicle types including gasoline, diesel and turbocharged.

Specifically designed to seal rear main leaks, but also works better than a conventional stop leak on all other leaks. This includes the timing cover seal, cam seals, O-Rings and other gaskets.

For many vehicles this is your last chance before paying an expensive repair bill. To replace the rear main seal on most front wheel drive cars, the engine has to be removed and on rear wheel drive vehicles, the transmission is removed

America's Most Trusted Stop Leak Brand Since 1947

Heavy Duty Formula

Stops All Oil Leaks

Seals Timing Cover, Cam Seal, Rear Main, and Other Hard to Stop Oil Leaks



TEST	ASTM	TYPICAL PROPERTIES
Specific Gravity @ 15.6°C	D-4052	0.915
Density @15.6°C	D-4052	7.62
Flash Point COC	D-92	224°C (435°F)
Viscosity, cSt. @ 40°C	D-446	167
Viscosity, cSt. @ 100°C	D-445	14.6
Viscosity Index	D-445	83
Pour Point °C	D-5949	-33°C (-27.4°F)



INSTRUCTIONS:

Add entire bottle of Rear Main Seal Repair to engine crankcase (where you add oil) at or between oil changes. Do not overfill. Most leaks will stop within 100 miles or 2 days of driving.

To prevent future leaks, install Rear Main Seal Repair every 5,000 miles or with every oil change.

DOSAGE:

One bottle treats 4 to 6 quarts of oil. Larger systems use 1 bottle for every 5 quarts of oil capacity. For small engines including 4 cycle / stroke motorcycle, ATV, lawn mowers and other engines use approximately 3 to 4 ounces per quart of capacity.

**REAR MAIN SEAL TYPES
(3 basic styles)**

ROPE SEAL

Also called a wick seal

TWO PIECE SEAL

Neoprene or called rubber
Silicone

ONE PIECE SEAL

Neoprene or called rubber
NBR or Buna N (Nitrile)
Silicone
PA or Polyacrylate
Viton or Fluoroelastomer

**2 PART FORMULA / DUAL ACTION
TWICE THE PERFORMANCE**

Seal Restorer

Restores seal size, flexibility and elasticity lost due to engine heat, age and high mileage.

Seal Polymer *

Chemical polymers work where other stop leaks fail to seal leaks caused by normal engine wear. This includes grooves worn in the crankshaft seal mating surface. The polymer forms a film between the seal and the crankshaft preventing leaks.

** These polymers work in all rear main seal types.*