

# BAR'S LEAKS® TECHNICAL BULLETIN

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Bar's Leaks® Oil Seal™ Engine Oil Burning & Leak Repair	Size 16.9 fl. oz.(500 mL)

ISO 9001 CERTIFIED

## OIL SEAL ENGINE OIL BURNING & LEAK REPAIR

Your vehicle is a good candidate for this solution if it does not consume more than one quart of oil per day. We have designed this product to work in all gasoline and diesel engines including turbocharged, EcoBoost, hybrid and even racing engines. This covers 3, 4, 5, 6, 8 and 10 cylinder engines in all cars, trucks, vans and SUV's. Our product can also be used in heavy-duty applications referencing the appropriate dosage level. This applies to a wide range of other motor applications too: tractors, boats, RV's, motorcycles (including wet clutch), ATV's, lawn equipment.

- Repairs Leaking Main Seals and Gaskets
- Renews Worn Valve Seals and Guides
- Stops Oil Burning & Blue Exhaust Smoke
- Seal All Other Oil Leaks, Drips and Consumption



Engine seals harden and shrink from the plasticizers being removed over time. This professional strength synthetic stop leak revitalizes these worn seals and gaskets to restore them to like-new performance. The strongest formula to stop main seal, valve seals, timing cover seal, cam seals, crankshaft seal, oil pan, valve cover and all other oil leaks.

### Instructions For Use

1. Turn engine off.
2. Shake well. Remove oil fill cap and pour OIL SEAL™ ENGINE OIL BURNING & LEAK REPAIR into engine per dosage chart.
3. Do not overfill.
4. Reinstall cap.
5. Drive/idle engine for at least 15 minutes to mix thoroughly with oil and activate product to start working.
6. Top off engine (add oil as needed) and leave Bar's Leaks OIL SEAL Engine Oil Burning & Leak Repair in system for continued protection. Drive vehicle as normal. Most oil leak issues are corrected in 250 miles or 3 days of driving.

### Dosage

- One bottle treats oil capacity from 4.5 to 7 quarts
- Use a half bottle for oil capacity from 3.5 to 4.4 quarts
- For larger systems use 1 bottle for every 6 quarts
- For smaller systems use 3 oz. of Oil Seal for every quart of oil capacity

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# BAR'S LEAKS TECHNICAL BULLETIN (CONTINUED)

## Oil Seal Engine Oil Burning & Leak Repair

### ENGINE OIL BURNING

There could be two possible reasons as to why your vehicle is burning engine oil. It may have an oil leak or you it could be burning oil during the ignition cycle. One common problem is if the cylinder walls are allowing oil to leak up from the bottom of the engine, past the piston and into the combustion chamber. So when the fuel ignites the oil does as well, and then expels it out as exhaust.

### ENGINE OIL LEAKS

Depending on the severity of the leak, the first thing you will notice is dark brown spots underneath the front of the vehicle. The oil level will also decrease and if left long enough the oil pressure will drop and/or oil light will come on. A few other things can cause an oil leak that are not the fault of the seal or gasket. If the oil level is too high (filled over the full mark) or the PCV (Positive Crankcase Ventilation) system is not functioning correctly, leaks can occur.

### PREMIUM SEAL RESTORER ADDITIVES

Synthetic polymers combined with premium seal restoring additives work together better than all other regular treatment products to create a long lasting repair. These polymers also fill in small scratches and wear marks preventing oil from passing and being burned.

#### 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 that is 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.

TEST	ASTM	TYPICAL PROPERTIES
Specific Gravity @ 15.6°C	D-4052	0.8818
Density @15.6°C	D-4052	28.7
Flash Point COC	D-92	210 °C (410°F)
Viscosity, cSt. @ 40°C	D-445	130
Viscosity, cSt. 100°C	D-445	19.33
Viscosity Index	D-445	145
Pour Point °C	D-5949	-18 °C ( -0.4°F)