

 <b>ISO 9001 CERTIFIED</b>	<b>RISLONE TECHNICAL BULLETIN</b>	
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	Rislone Valve Seal Oil Consumption Repair	Part #: 44223

# VALVE SEAL™ OIL CONSUMPTION REPAIR

Rislone® Valve Seal™ Oil Consumption Repair is the fastest, safest way to solve your vehicles oil consumption issues. Your vehicle is a good candidate for this solution if it does not use more than one litre of oil per day. Depending on the severity of the leak, the first thing you may notice is the engine oil level decreasing. There may be bluish (blue and/or gray) smoke coming from the tailpipe upon starting the vehicle, more noticeably after it has been sitting for a while, like overnight. Your engine could also be consuming oil and you don't see any smoke or leaks, as it is being burned gradually. Use with all types of motor oil, including regular petroleum, high kilometre, synthetic blends and fully synthetic. Can be used to top off oil when low, or to replace a half litre of oil when performing an oil change. Works with ALL petrol, LPG and diesel engines.



- Repair Valve Stem Seal Leaks
- Stop Blue Exhaust Smoke
- Reduce Oil Consumption
- Reinforced with Synthetic Polymers
- One Dosage Stops Smoking & Oil Burning
- Safe & Easy to Use, and Works Quickly
- Best Repair Formula Money Can Buy
- Synthetic Blend, for All Engines

Part Number: 44223  
Bottle Size: 500 mL

## INSTRUCTIONS:

- 1) Turn engine off.
- 2) Shake well. Remove the oil fill cap and pour **Valve Seal Oil Consumption Repair** into engine per dosage chart. Do not overfill. Reinstall cap.
- 3) Drive/idle engine for at least 15 minutes to mix thoroughly with oil and activate product to start working.
- 4) Top off engine (add oil as needed) and leave **Rislone Valve Seal Oil Consumption Repair** in the system for continued protection. Drive vehicle as normal. Most valve seal issues are corrected in 400 kilometres or 3 days of driving. For best results use with every other oil change.

## What is Your Engine Problem?

### Product Selector

Smoking – Blue smoke from exhaust	✓
Oil Consumption - Losing oil between oil changes	✓
Puffing Smoke - Smoke clouds when first started	✓
Hardened Valve Seals	✓
Low Oil Warning Light	✓
Worn Valve Guides	✓
High Kilometres	✓

### DOSAGE:

One bottle treats oil capacity from 4 litres to 6 litres.

Use ½ bottle for oil capacity from 2 litres to 3.9 litres.

For larger systems use 1 bottle for every 5 litres. On 4-Stroke ATV, Motorcycle and small engines, including wet clutch applications, use approximately 100 mL per litre of oil capacity.

## THE BEST VALVE SEAL OIL CONSUMPTION REPAIR MONEY CAN BUY

Advanced, specially-formulated synthetic polymers, along with premium valve seal restoring additives, work together better than all other regular treatments to create a long lasting repair.

### SAFE TO USE ON:

- Petrol Engines
- Diesel Engines
- LPG Engines
- Turbocharged Engines
- Racing Engines

### WORKS ON ALL:

- 3, 4, 5, 6, and 8 Cylinders
- Synthetic and Petroleum Oil
- Cars, Trucks, Utes, Vans and SUV's

### VALVE GUIDE SEAL TYPES (3 basic styles)

- O-ring
- Umbrella (Deflector)
- Positive
  - Top-Hat
  - Metal Clad
  - Ring and Band
  - Ring and Spring

### VALVE GUIDE SEAL MATERIALS

- Nylon
- Nitrile (NBR or Buna N)
- Polyacrylate (PA)
- Silicone
- Viton (Fluoroelastomer)
- Teflon

### What is a Valve Guide Seal?

The simple answer is:

A seal that fits around the valve stem and valve guide to prevent oil leakage.

The more detailed answer is:

A valve guide seal, also known as a valve stem seal or valve seal, is located on the engine cylinder head inside of the valve springs. An automotive engine can have as few as 8 valves seals, or up to 32. These are located on the intake and exhaust valves and have a pretty difficult job to do as they need to allow some oil to (pass so that the valve stem and guide receive lubrication), but need to prevent larger amounts of oil from going into the combustion chamber to be burned. When too much oil is burned the vehicle will consume oil, emit blue exhaust smoke and cause valve carbon build up. This is bad for the environment, and also the emission system on the vehicle.

Leaking valve seals can account for over half of all oil consumption issues.

It is amazing that such a small part that only costs a few dollars each can cause so many big problems.

