



ISO 9001:2000 CERTIFIED

RISLONE TECHNICAL BULLETIN

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Rislone Oil Stabilizer

Part #: 4401, 4402, 4402-5, 4402-55

OIL STABILIZER WITH ENGINE TREATMENT

Rislone Oil Stabilizer with Engine Treatment is a petroleum oil performance booster containing a special blend of lubricity additives, anti-wear agents, antioxidants, tachifiers and detergents.

- Reduces friction & wear, especially at start-up, helping to eliminate dry starts. Less friction means less wear and a cooler running, longer lasting engine.
- High performance additives insure against viscosity and thermal breakdown. Oil alone can lose its lubrication properties as temperature increases and the oil is thinned out like water. Increases oil viscosity (thickness) at higher temperatures to protect the engine from damage.
- Increases oil pressure reducing lifter & valve ticking, rod knocks and other noises. Clinging action keeps bearings and other internal engine parts lubricated where normal oil fails.
- Controls sludge and increases engine lubrication in new and old engines.
- Works with ALL Gasoline & Diesel engine oils; including conventional petroleum, high mileage and synthetic formulas.
- Use in ALL light or heavy duty, domestic or import, car or truck, vehicles.
- Rislone Oil Stabilizer with Engine Treatment is the proper product to add any time changing the oil or when needing to top off.
- Will not void manufacture's new vehicle warranty.

Works in all types of engines from everyday passenger cars, motor homes, heavy duty trucks, industrial stationary engines, farm & implement, construction, marine, racing and anything else that would benefit from added oil protection. A must for stop & go driving, vehicles with long idling periods, or for high RPM usage.



Part Number:	4401	4402	4402-5	4402- 55
UPC Item:	0 78615 04401 6	0 78615 04402 3	0 78615 04403 0	0 78615 04404 7
UPC Case:	1 00 78615 04401 3	1 00 78615 04402 0	N/A	N/A
Bottle Size:	32 fl. Oz. (946mL)	1 Gallon (3.79L)	5 Gallons	55 Gallons
Bottle Dimensions:	3.5 x 2.6 x 11	5.7 x 5.7 x 11	12.5 x 12.5 x 15	23 x 23 x 34.5
Bottle Cube:	100	357	2344	18251
Case Pack:	6 bottles per case	4 bottles per case	1 pail	1 drum
Case Size:	8.2 x 7.4 x 11.4	12 x 12 x 12	12.5 x 12.5 x 15	23 x 23 x 34.5
Case Cube:	692	1728	2344	N/A
Case Weight:	12.3 pounds	32 pounds	40 pounds	450 pounds
Pallet:	TI 29 HI 4 Total 116	TI 9 HI 3 Total 27	TI 9 HI 3 Total 27	TI 4 HI 1 Total 4
Pallet Height:	51 inches	41 inches	50 inches	40 inches
Tariff Code:	2710.19.3020	2710.19.3020	2710.19.3020	2710.19.3020

TEST	ASTM	TYPICAL PROPERTIES
API Gravity @ 15.6°C	D-1298	27.1
Specific Gravity @ 15.6°C	D-4052	0.8915
Density @15.6°C	D-1298	7.317
Flash Point	D-92	210°C / 410°F
Viscosity, cSt. @ 40°C	D-445	1721
Viscosity, cSt. @ 100°C	D-445	135
Viscosity, cSt. @ 150°C	D-445	41
Viscosity Index	D-445	n/a
Pour Point °C	D-97	-21

DOSAGE

In passenger car and light truck engines, use one bottle for a 4 to 6 quart system. Example: If using when changing oil and you have a 5 quart crankcase capacity, use 4 quarts of oil and 1 quart of Rislone Oil Stabilizer with Engine Treatment.

For larger systems, use at 20% of crankcase capacity.

For severe problems or badly worn engines, double the dosage using up to 50%.

DIRECTIONS

- When Adding To Existing Engine Oil**
 Remove engine dipstick and check oil level. If oil is low, remove oil cap and install entire contents of bottle. Do NOT overfill. Top off with manufacturers recommended engine oil as needed. Replace dipstick and oil cap. Drive/idle engine for 10-15 minutes.
- When Changing Oil**
 If using when changing oil, replace one quart of your motor oil with the Rislone Oil Stabilizer. Then refill with manufacturer's recommended oil to proper level. Drive vehicle and recheck oil level.

For best protection, use Rislone Oil Stabilizer with Engine Treatment at every oil change.

WHAT IS AN ENGINE?

There are two basic types of engines:

Gasoline Engine – most cars' & light duty trucks – The most popular engine runs on a mixture of gasoline and air. The air & fuel is compressed (squeezed) and then ignited by a spark to move the piston, which in turn allows the vehicle to move.

Diesel Fuel Engine – some cars' & most heavy duty trucks – The second most popular engine runs on a mixture of diesel fuel and air. Instead of spark, it uses the high temperature caused by extreme compression of the air & fuel mixture to move the piston.

Works on ALL Engines

Gasoline, Diesel, Racing, Hybrid, Supercharged (Blown) and Turbo

Engine Components

Automotive engines are a combination of mechanical, hydraulic and electric parts.

Mechanical

Many mechanical parts are required to operate an engine. Some of the more important parts are oil pump, crankshaft, bearings, seals, piston rings, lifters and valves.

Hydraulic

The hydraulic system uses the oil pump to create pressure which lubricates internal engine parts and helps to operate the lifters.

Electrical

The most common electrical parts include the spark plugs, fuel injectors, computer and many sensors.

The common element between all of the engine components is the oil. Oil is the life-blood of the engine and is pumped under pressure to the internal parts. Engine oils are generally used to reduce friction between moving parts. In addition to lubricating, motor oil must cool, provide corrosion protection and a method of removing contaminants. The two main parts needing oil for lubrication are the bearings and pistons. When installed, Rislone Oil Stabilizer with Engine Treatment cools and lubricates these moving parts better than oil alone. The clinging properties hold the oil to metal parts preventing wear and dry starts. Special additives also prevent oil thinning at high temperatures where normal oil fails. This same formula will also extend the useful life of your older high mileage engine. As lubricants degrade, their properties change, leading to increased friction and wear. Over time the natural wear that occurs inside the engine causes reduced oil pressure, loss of compression (power loss), lower fuel mileage, oil consumption (leaks & smoking) and noise (knocking & ticking). Rislone Oil Stabilizer with Engine Treatment contains a combination of the best performance additives to repair these most common oil-related problems. Rislone Oil Stabilizer with Engine Treatment restores lost compression and power, reduces noise and oil consumption, while improving the performance of worn cylinders, rings, bearings, and seals.