

 ISO 9001 CERTIFIED	RISLONE TECHNICAL BULLETIN	
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	Rislone 3X Concentrated Engine Oil Supplement with Zinc Treatment	Part #: 4405

3X CONCENTRATED ENGINE OIL SUPPLEMENT WITH ZINC TREATMENT

Modern conventional motor oils lack the metal protection older engines require. Use as directed in gasoline & diesel engines, antique & classic cars, motorcycles (4 stroke except wet clutch), tractors, agricultural & industrial machinery, and all racing applications. Designed for engines requiring SL / CI rated oil and older. This includes 2004 and older gasoline engines & 2006 and older diesel engines.

- Rislone Engine Oil Supplement with Zinc Treatment is a petroleum oil performance supplement “booster” containing ZDDP (zinc dialkyldithiophosphate) Zinc and Phosphorous EP (extreme pressure) additives to help protect internal engine components including pistons, flat tappet camshafts, lifters, pushrod tips and the rest of the valvetrain.
- High performance formula stabilizes the motor oil to insure against viscosity and thermal breakdown.
- Reduces friction & wear, especially at start-up, helping to eliminate dry starts. Less friction means less wear and a cooler running, longer lasting engine.
- Clinging action keeps bearings and other internal engine parts lubricated where normal oil fails.
- Enhances regular motor oil turning it into a high performance lubricant for use in older engines and racing applications.
- Rislone works with all petroleum based motor oils including conventional, high mileage and synthetic formulas.
- Makes Newer Oils Work in Older Engines
- 3X Concentrated – Same performance as 32 ounce size
- Protecting Engines Since 1921
 - Prevents Camshaft Wear
 - Reduces Piston Scuffing
 - Increases Engine Life
- Oil Viscosity is approximately equivalent to a high 20 weight motor oil, which should not change existing motor oil viscosity at the recommended dosage rate.



Part Number:	4405
UPC Item:	0 78615 04405 4
UPC Case:	1 00 78615 04405 1
Bottle Size:	11 fl. oz. (325 mL)
Bottle Dimensions:	3.0 x 1.8 x 6.6
Bottle Cube:	36
Case Pack:	6 bottles
Case Size:	6.4 x 5.6 x 7.1
Case Cube:	254
Case Weight:	5.4 pounds
Pallet:	TI 50 HI 5 Total 250
Pallet Height:	40 inches

INSTRUCTIONS / DOSAGE

NOTE: Do not use as an engine break in additive. Rislone Engine Oil Supplement with Zinc Treatment contains the correct amount of ZDDP and other additives important to protecting your engine for everyday use.

For best protection use with every oil change.
 Can be used during oil change, or added in-between oil changes. Do not overfill.

GASOLINE ENGINES (*Cars & Light Trucks*)

1996 and older – Add one bottle to engine crankcase.
 1997 to 2004 – Add approximately ½ bottle (5.5 ounces) to engine.

DIESEL ENGINES (*Light, Medium & Heavy-Duty*)

2006 and older – Add one bottle to engine crankcase for every 5 quarts of oil capacity.

OTHER APPLICATIONS

For 4-stroke marine & motorcycles (dry clutch only), agricultural, industrial and racing applications use 2 ounces for every quart of capacity.

TYPICAL TEST RESULTS INDICATE:

GASOLINE ENGINES

With typical SN rated oil at a 7% dosage rate expect levels to be raised to a total of:

Zn Zinc 1700 - 1800 ppm
 P Phosphorous 1500 - 1600 ppm

TEST	ASTM	TYPICAL PROPERTIES
API Gravity @ 15.6°C	D-1298	23.48
Specific Gravity @ 15.6°C	D-4052	0.913
Density @15.6°C	D-1298	7.604
Flash Point	D-92	205°C / 400°F
Viscosity, cSt. @ 40°C	D-445	66.5
Viscosity, cSt. @ 100°C	D-445	8.9
Viscosity Index	D-2270	103
Pour Point °C	D-5949	-24
TBN	D-2896	9
ZINC, Mass %	D-6481	1.56
Calcium, Mass %	D-6481	.09
Phosphorous	D-4294	1.34