



RED LINE COMPLETE ENGINE OIL BREAK-IN ADDITIVE



- Provides conventional motor oils with antiwear additives like zinc and phosphorus (ZDDP) necessary to protect against camshaft and valvetrain damage on break-in
- Allow pistons rings to seat properly with less-slick oil, while antiwear additives protect other engines components to avoid excessive wear
- Can also be used in conventional and synthetic oils during regular operation, providing an extra package of protection otherwise not found in most motor oils
- 16oz bottle treats up to 12 quarts of motor oil--in many cases, one bottle can serve two engines or oil changes

PACKAGE SIZES:

81403 - Engine Break-In Additive

ADDITIONAL INFORMATION:

Bottle (16oz) contains:

33.8 grams total ZDDP (zinc dialkyldithiophosphate)

17,000 ppm, 7.8 grams Phosphorus (P)

20,500 ppm, 9.4 grams Zinc (Zn)

16.6 grams Sulphur (S)

Increases antiwear level per quart when using

One Bottle (16oz.):

Capacity - Phosphorus - Zinc
 15 quarts - 610 ppm - 736 ppm
 12 quarts - 763 ppm - 920 ppm
 10 quarts - 915 ppm - 1104 ppm
 8 quarts - 1145 ppm - 1380 ppm
 7 quarts - 1307 ppm - 1577 ppm
 6 quarts - 1525 ppm - 1840 ppm
 5 quarts - 1830 ppm - 2208 ppm
 4 quarts - 2288 ppm - 2760 ppm
 1 quart - 9160 ppm - 11040 ppm

Half Bottle (8oz.) when treating:

Capacity - Phosphorus - Zinc
 12 quarts - 382 ppm - 460 ppm
 10 quarts - 458 ppm - 552 ppm
 8 quarts - 572 ppm - 690 ppm
 6 quarts - 763 ppm - 920 ppm
 5 quarts - 915 ppm - 1104 ppm
 4 quarts - 1145 ppm - 1380 ppm

One Quarter Bottle (4oz) when treating:

Capacity - Phosphorus - Zinc
 6 quarts - 382 ppm - 460 ppm
 5 quarts - 458 ppm - 552 ppm
 4 quarts - 572 ppm - 690 ppm
 3 quarts - 763 ppm - 920 ppm

For health safety information, please refer to the [Safety Data Sheet](#) at REDLINEOIL.COM