

MARK-3®

SERIES

PISTON TOOLING

Overview:

The 185cc engine piston has been retooled. The previous die cast tooling reached its end of life and was replaced by a new die cast tooling. The tooling change is effective immediately and affects all MARK-3® pump units and the following items:

1. 801629 - R-332G PISTON WITH RINGS STANDARD SIZE GREEN GRADE
2. 801270 - R-332R PISTON WITH RINGS STANDARD SIZE RED GRADE
3. 801273 - CYLINDER & PISTON KIT NIKASIL

This Tech-Note will highlight the minor cosmetic differences.

New piston:

The new piston design remains identical and continue to be fabricated by the same manufacturer.

Dimensional inspections and internal tests confirm that the “old” and “new” pistons behave identically and perform as expected.

ELKO name on the piston crown and color:

The new piston no longer has the “ELKO” name engraved on the top of the piston crown. It was removed to minimize possible effects such as notching and improve durability.



Additionally, the color on the first few batches of new pistons can appear slightly darker. The different surface color is caused by the new cutting plates. The surface will eventually get shinier due to the natural cutting edge wear. This effect is typical for pistons made from an alloy with 25 % silicon. This has no impact on quality or functionality; it is purely cosmetic.