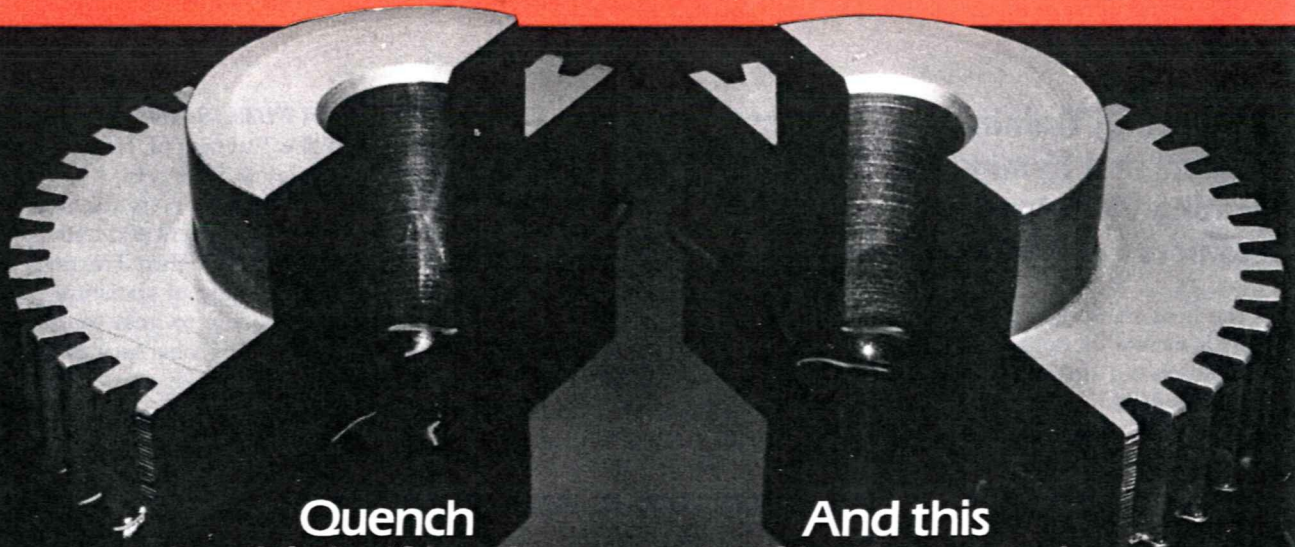


PARQUENCH™ performs like oil, without the problems. Compare for yourself!



**Quench
this half in oil**

**And this
half in Parquench**

Comparison Photomicrographs

AAA Oil
@ 140°F

25% Parquench 90
@ 130°F

AT SURFACE

AT SURFACE

AT CENTER

AT CENTER

1.0 dia. AISI 4340 Sections at 500x. Austenitized 1550°F, quenched in 100 fpm agitation. Hardness (Rockwell) 57 R_c (all parts).

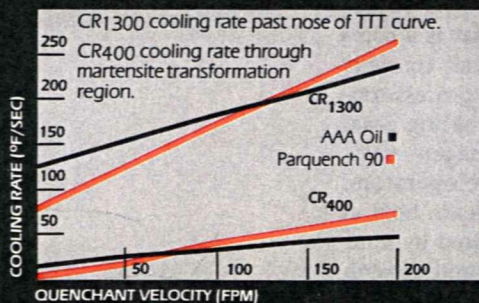
Parquench represents a new class of polymer quenchants which duplicates the quenching effects of oil needed to achieve maximum hardness in steel, but without the disadvantages of oil.

As a water-based synthetic, Parquench is non-flammable, non-toxic, non-polluting, and produces essentially no fumes. More than that, Parquench's cooling rates are both accurately predictable and controllable which enables you to custom tailor your quenching operation while minimizing part cracking and distortion.

Compare Parquench yourself. A free Facility and Application Appraisal by a Park Metallurgical technical specialist will answer all questions regarding Parquench and your operation. For information and a copy of our new handbook detailing the advanced properties and quenching conditions of Parquench, contact your Park Metallurgical representative.

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