

PICKLE PAL®

Non-Hazardous Inhibitor for Hydrochloric Acid and Sulfuric Acid Pickle Baths

Extended Product Line

PICKLE PAL® PLUS

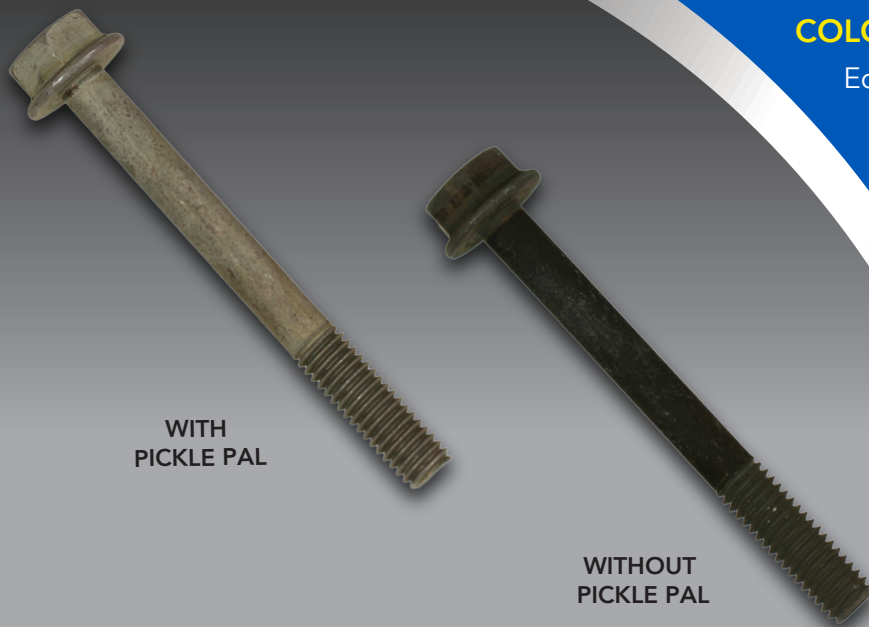
Provides all the benefits of Pickle Pal, with an added cleaning aid that disperses oils dragged into the pickle tank. Produces a thin foam layer which reduces fumes and spray.

COLCLEAN DESCALER

Economical and easy-to-use over-the-side additive for existing cleaners that accelerates descaling, degreasing, rust removal, and smut removal. Contains no phosphates or chelators.

COLCLEAN line of products

Full line of pretreatment chemistries, including industrial strength emulsification/split-out soak cleaners and electro-cleaners.



WITH
PICKLE PAL

WITHOUT
PICKLE PAL

Bright, Clean Plating

Inhibits the attack of acid on the steel substrate, resulting in bright, clean parts, maximizing subsequent plating quality and extending the pickle bath life.

No Smut or Foam

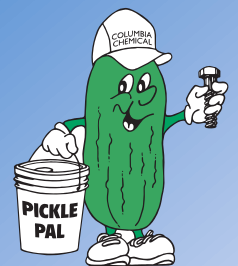
Eliminates smut formation with high-carbon, heat-treated or carbo-nitrided steel.

No Etching

Prevents etching of parts from over-pickling.

No Scale

Improves pickle's ability to remove scale.



COLUMBIA®



CHEMICAL

Simplifying Surface Finishing®

330-225-3200

ColumbiaChemical.com