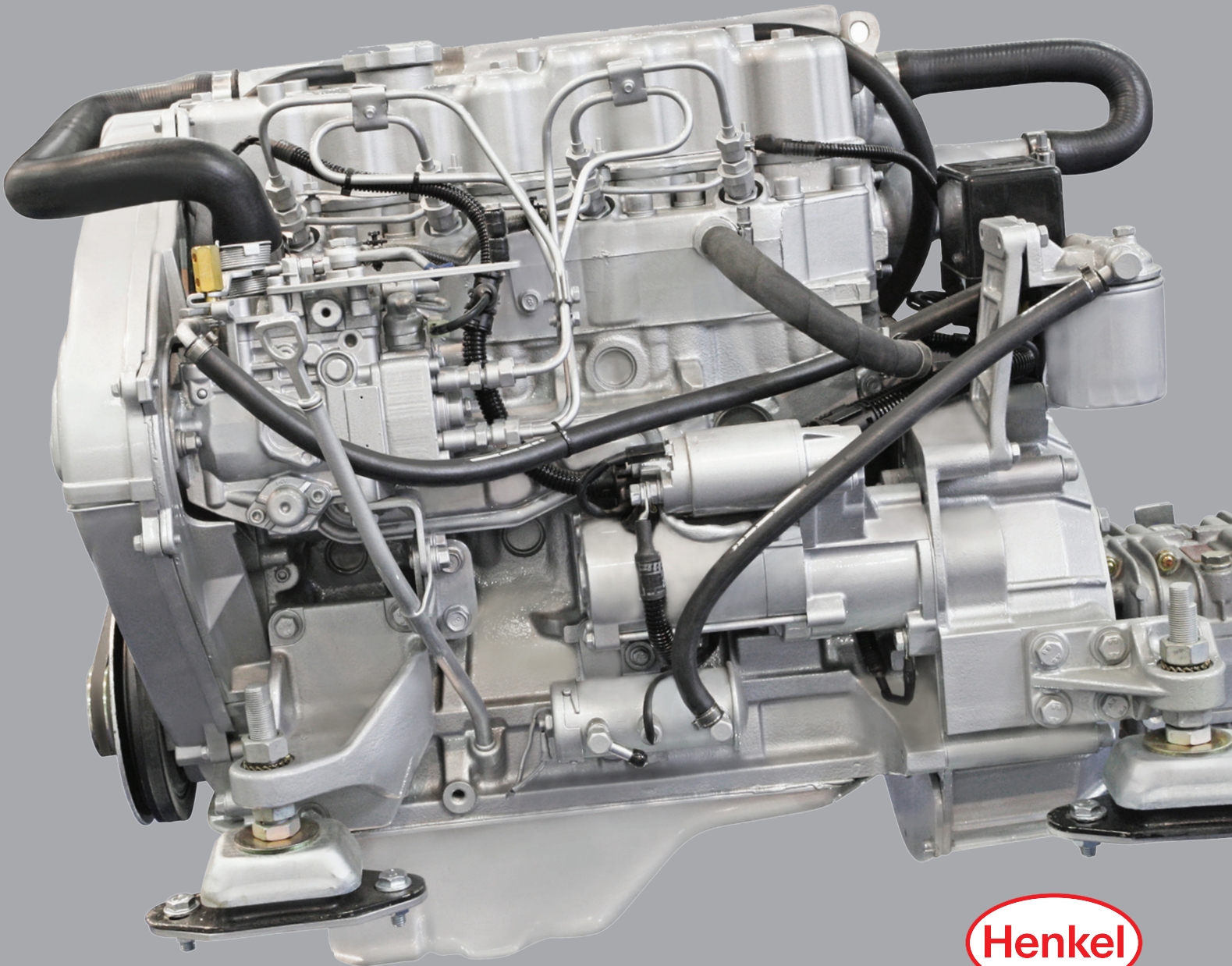


**BONDERITE®**

## Liquid Gasket Adhesion Promoter



# Formed-in-Place Gasket Sealing

The sealing of engines, transmissions, and axles using liquid gaskets has long been used in the powertrain industry. It is a proven, high-quality, low-cost alternative to molded rubber gaskets.

## Challenges

However, a key variable to the bonding success of liquid gaskets is part cleanliness. This can be challenging due to the high number of different chemical cleaners, process concentrations, water types, and other variables used by various manufacturers. This leads to residual contamination being left on parts, thus affecting a consistent bond of the liquid gasket to the parts.

## Solutions

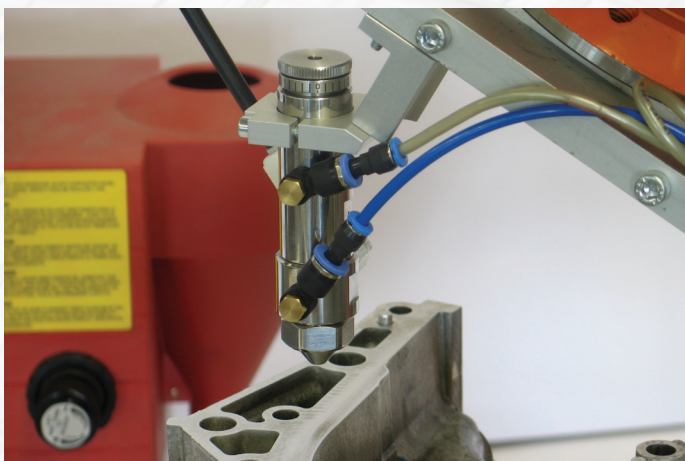
Henkel's BONDERITE® water-based, chrome-free conversion coatings chemically convert metal surfaces, dramatically enhancing adhesion of formed-in-place liquid gaskets.

## Products are available for the following substrates:

- BONDERITE® M-NT 5700™ for light metals
- BONDERITE® M-NT 1455™ for light metals and steel

## These coatings are available in convenient, ready-to-use packaging configurations:

- Application pens
- Pre-saturated wipes
- Bulk containers for automated dispensing

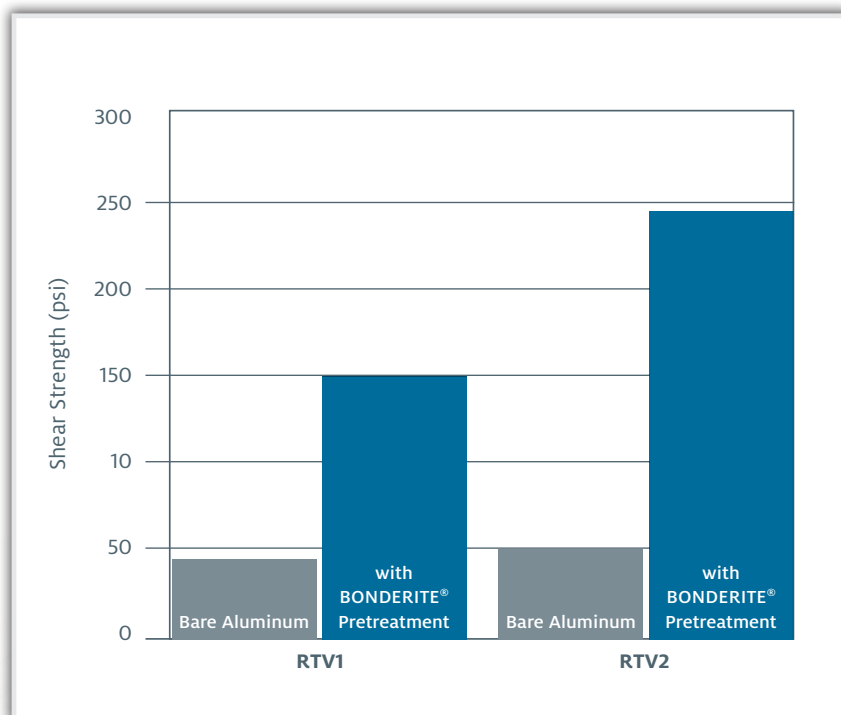




## Proven Performance

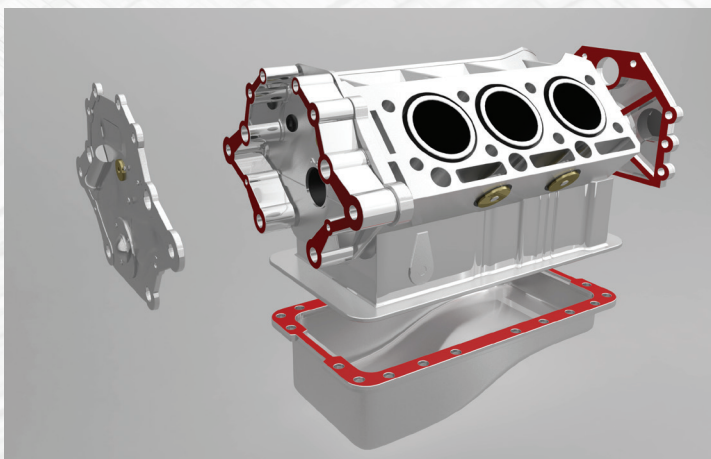
Henkel's BONDERITE® thin film conversion coatings prove to be a very effective surface treatment on aluminum, steel, or compacted graphite iron, providing a surface that increases liquid gasket adhesion up to 4 times.

The enhanced adhesion performance for BONDERITE® M-NT 5700™ is shown below.



### Benefits include:

- Easy-to-use with no diluting or rinsing necessary
- RCRA exempt material allows for easy disposal
- Dramatically improves bond strength of adhesives





#### **AMERICAS**

##### **U.S.A.**

Henkel Corporation  
32100 Stephenson Highway  
Madison Heights, Michigan 48071  
United States  
Tel: +1.866.332.7024  
Fax: +1.248.583.2976

##### **CANADA**

Henkel Canada Corporation  
2515 Meadowpine Blvd.  
Mississauga, Ontario L5N 6C3  
Canada  
Tel: +1.800.263.5043 (within Canada)  
Tel: +1.905.814.6511  
Fax: +1.905.814.5391

##### **MEXICO**

Henkel Capital, S.A. de C.V.  
Blvd. Magnocentro No. 8 Piso 2  
Centro Urbano Interlomas  
52760 Huixquilucan  
Edo de México  
Tel: +52.55.3300.3644  
Fax: +52.55.3300.3019

##### **BRAZIL**

Henkel Ltd.  
Rua Karl Huller  
136-Jd Canhema 09941-410  
Diadema/Sao Paulo  
Brazil  
Tel: +55.11.3205.8955  
Fax: +55.11.3205.8887

#### **EUROPE**

##### **GERMANY**

Henkel AG & Co KGaA  
Henkelstraße 67  
40191 Düsseldorf  
Germany  
Tel: +49.211.797.0  
Fax: +49.211.798.4008

#### **ASIA**

##### **CHINA**

Henkel (China) Co. Ltd.  
188 Guoyuan Road, Yancang  
Nanhui District  
201324 Shanghai  
China  
Tel: +86.21.6826.7097  
Fax: +86.21.6826.7654

[www.na.henkel-adhesives.com/automotive](http://www.na.henkel-adhesives.com/automotive)  
[www.henkel-automotive.com](http://www.henkel-automotive.com)