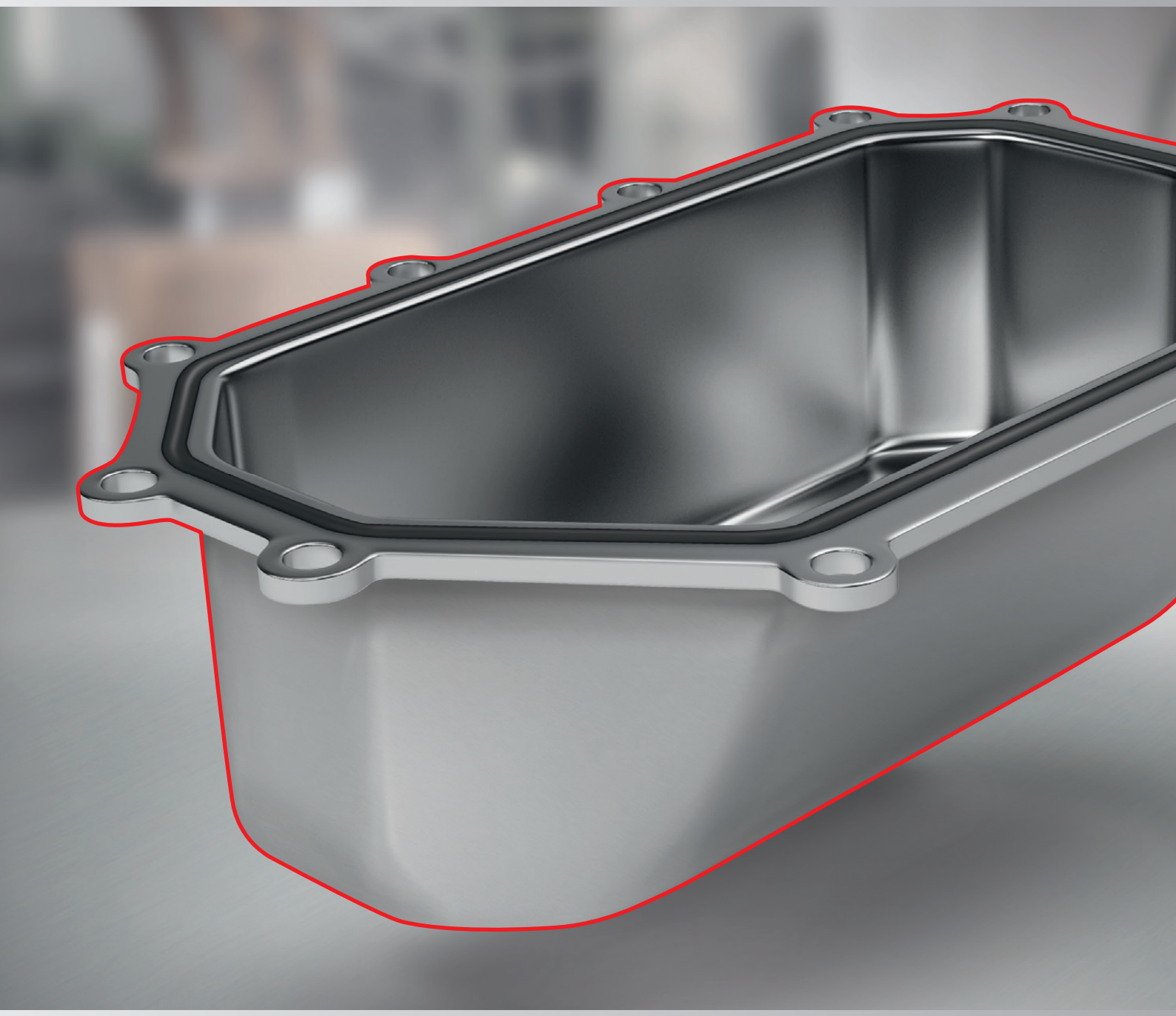
LOCTITE®



LOCTITE 5970

RTV silicone, neutral curing

Room temperature vulcanizing (RTV) silicone sealant can be used in engine, gearbox, transmission and axle construction when good sealing performance at high temperatures, oil resistance and a flexible sealant is required. The product is specified at most automotive OEMs.

Henkel

LOCTITE®

LOCTITE 5970 is a neutral cure RTV silicone which can compensate micro movement between flanges, seal against mineral and synthetic-based oils at high temperatures.

Benefits

- Good oil resistance
- Flexible to withstand high joint-movements
- Withstands on line low pressure tests

Technical Data

Product family	Silicone
Color	Black
Hardness (Shore A)	44
Tensile strength (N/mm2)	≥ 1.5
Elongation at break (%)	≥ 200
Operating temperature (°C)	Up to 200
Skin over time (min)	25
Adhesion to metal	Excellent
Adhesion to PACC GF35	Good

For full technical details please refer to the Technical Data Sheet.

Typical Appplications of LOCTITE 5970

Transmission, gearbox, PTU

- Gearbox and transmission housings
- Lids and covers
- Oil pans & side covers

Differential/Axle

- Case halves
- Covers

Engine

- Oil pans
- Front covers
- Ladder frames, bed plates
- Rear seal retainers

Others

- Electric steering units
- Covers/lids on ECUs

Europe
Germany
Henkel AG & Co. KGaA
(Headquarters)
Henkelstraße 67
40589 Düsseldorf
Germany
Phone: (+49) 211 797-0

Asia-Pacific
China
Henkel (China) Co. Ltd.
No. 928 Zhang Heng Road
Pu Dong
201203 Shanghai
China
Phone: (+86) 21 2891 8000

Americas
U.S.A.
Henkel Corporation
Madison Heights
32100 Stephenson Highway
Madison Heights, MI 48071
United States
Phone: (+1) 248 583 9300

www.henkel-adhesives.com/automotive

AT500xxxx 10.2015