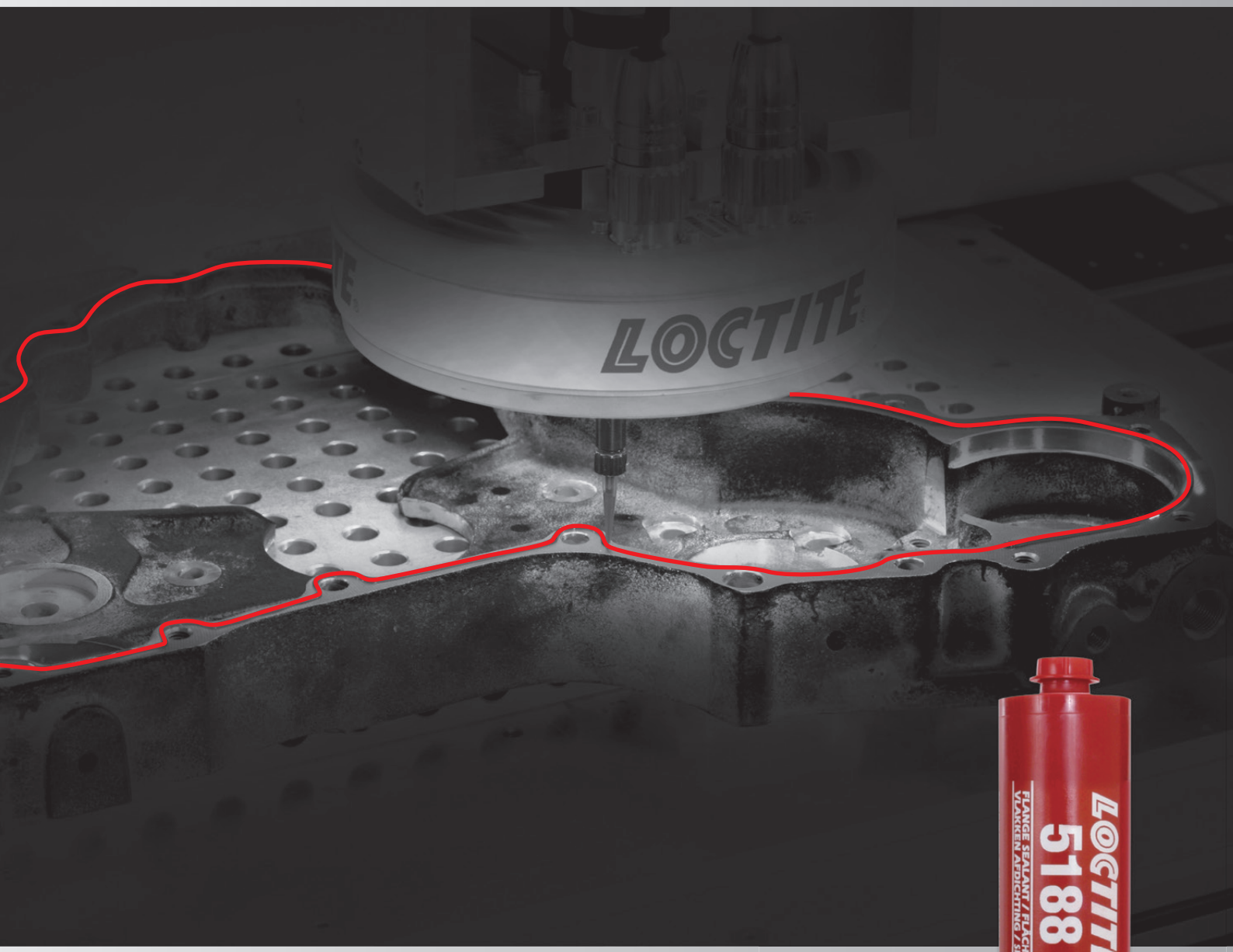
LOCTITE®



LOCTITE 5188

Highly Flexible Anaerobic Gasket

LOCTITE 5188 is designed to function in the most demanding applications with superior adhesion and flexibility, even after heat aging. OEMs and sub-suppliers have long been enjoying the technical and economical benefits of anaerobic gasketing materials. Now LOCTITE 5188 takes this technology to a new level.

Henkel

LOCTITE 5188 represents the latest anaerobic gasketing technology with extremely high flexibility.

Henkel's dedicated technical resources provide assembly solutions on site to improve your product and productivity by offering:

- Design specification and testing
- Process setup and optimization
- Application equipment and system integration

Benefits

- Highly flexible even after heat aging
- Supports direct metal-metal flange design
- Very good adhesion especially to aluminium
- Tolerates micro movements on highly stressed flanges
- Immediate on-line sealing tests possible
- Suitable for usage with oils and coolants
- Excellent chemical and thermal resistance

Typical Applications of LOCTITE 5188

Engine

- Oil pans
- Bed plate
- Crank case
- Timingbelt covers

Transmission

- Case halves

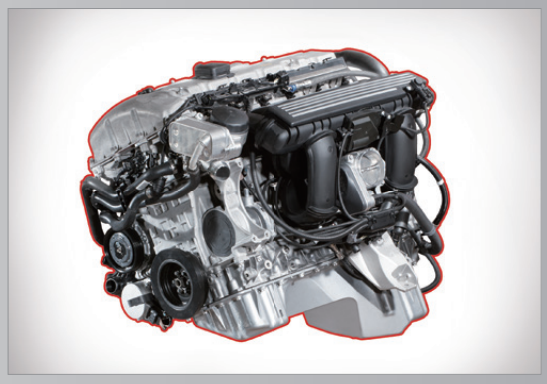
Axle

- Case halves

Technical Data

Product family	Methacrylate
Color	Red, fluorescent
Viscosity	11,000 – 32,000 mPa-s
Tensile shear on steel (N/mm²)	7.8
Tensile shear on aluminum (N/mm²)	8
Elongation at break	> 186%
Elongation at break after heat age at 150°C	60%
Operating temperature	-40°C to +150°C
Sealing performance against media:	
Motor oil	Excellent
Automatic transmission fluid	Excellent
Water/glycol	Excellent

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



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