



RESEARCH
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MANUFACTURE



EXCELLENCE IN TRIBOPHYSICS SINCE 1951

PROUDLY 100% AUSTRALIAN DEVELOPED, MADE, OWNED & DISTRIBUTED

TRANZ EPM Series

Elastomers Plastics & Metals



for lubrication between Elastomers, Plastics and Metals, in any combination •

EPM LUBRICANTS (Elastomers / Plastics / Metals)

TRANZ greases, fluids and gels designed for lubrication between Elastomers, Plastics and Metals, in any combination.

We are amongst the World's most resourceful and longest experienced manufacturers of interfacial lubricants for lifetime service between these completely different three materials in any combination.

Our EPM range is used in the combinations of elastomers and plastics, or where they are in contact with engineering metals, bare or with surface finishes, exposed to the full spectrum of environmental extremities from Antarctic cold up to the peak operational temperatures of 235 °C, these TRANZ EPM compounds are a versatile and powerful resource for production and design engineers, enabling the assembly and reliable operation of otherwise problematical materials.

Whatever the end-user requirement, the choice of individual TRANZ EPM lubricants for these applications is supported by a large body of evidence proving their integrity, minimal effects on materials and reliable performance in continuous interfacial contact.

A wide range of Industrial, Appliance and Automotive OEM applications specify these TRANZ EPM lubricants, from simple transitory functions, such as overcoming sliding friction in the momentary pressing together of seals in metal housings, through to continuous dynamic lifetime lubrication, such as with plastic meters, valves and gears. lifetime elastomer seals working in contact with metals, grommets and bushings, etc.

The TRANZ EPM greases, fluids and gels lubricants are available in a range of viscosities and NLGI rated consistencies. Virtually any NLGI grade can be made to order.

Example of use:

O rings, grommets, caliper guide pins, grips, bushings, seals, hoses, cords, strips, sleeves, gaskets, diaphragms. neoprene, nitrile, silicone, EPDM, viton, or natural rubber etc

The range:

For Assembly Only - Vegetable Oil Based

Standard Performance

TRANZ 1520 - A Classic castor based blue rubber grease

For Assembly Only - Polyglycol Based -

Medium-High Performance

TRANZ *Singleslip* - Once-only use, then inert.

TRANZ *Multislip* - Enables movement / disassembly up to 60 days after use

FOR ASSEMBLY - THEN PERMANENT LUBRICATION

Ultra High Performance

TRANZ *Permaslip* - Hand Application, Food Grade - Silanol Polymer

TRANZ 1447 - Pumping Grade - Silanol Polymer, 180+ °C

TRANZ 1525 - Pumping Grade - Fluorosilanol Polymer, 210+ °C

ReleaseLube 500 gms Spray can

A multi-purpose food grade, atmospheric gas propellant, non-flammable lubricant, Multi directional spray head,

best value spray for industry and home, workshop, home & garden tools, auto care & car detailing, building sites, office, garage & handyman, mechanical workshops, boat & marina, guillotining & cutting blades, arts & crafts, pool area, food industry, cold stores and freezers, moulding & casting, high speed sewing, sail making, hinges & locks.