



EXCELLENCE IN TRIBOPHYSICS SINCE 1951 PROUDLY 100% AUSTRALIAN DEVELOPED, MADE, OWNED & DISTRIBUTED

## TRANZ **Solu-Resist Series A300 Series**

Solu-Resist Series, Controlled Insolubility, hydrocarbon & fuel resistant greases



**TRANZ A300 Series**

**Solu-Resist Series, Controlled Insolubility, hydrocarbon & fuel resistant greases.**

Examples: Pumps seals and fittings handling petroleum fuels.

A302	Special Lubricating Grease at NLGI 2
A303	Special Lubricating Grease at NLGI 3
A310	EP Lubricating Grease including totally inert fluoropolymer higher lubricity, maximum chemical resistance and for low temperature applications.
A320	EP Lubricating Grease with extreme wear resistance ceramic based organic & inorganic compounds for maximum point load resistance.

Note. All other grades NLGI, 1 & 4 can be made to order

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## TRANZ Solu-Resist Series A300 Series

Specific solubility resistance, plus Incidental food, potable water contact and Hydrocarbon Oil / Solvent Resistant Immersion Series

### PERFORMANCE AREA

Mechanical lubrication in applications where specific solubility resistance of the lubricant in designated media is specified as mandatory or desirable.

### DESCRIPTION

The TRANZ A300 Series has been developed to provide environmentally safe and clearly identifiable, solubility resistant lubricants for use in applications where insolubility in a potable Water, Incidental Food Contact, predominantly solubilising operating environment, is required.

This present group of TRANZ A300 Series base lubricant and thickener systems are made specifically for lubrication in the presence of hydrocarbon fluids and oils and aqueous mixes of these. They contain no hydrocarbon molecules themselves, nor do they contain any chlorinated derivatives that can evolve chlorine by-products even when heated short of combustion. All the series use appropriate oils processed into grease form by using inert mineral fillers which are insoluble and inert in all known hydrocarbon lubricating applications.

As such all the TRANZ A300 Series meet the Standards for 'Incidental Food Contact' in the Food Codices of Britain, The United States, Europe and Japan

## A300 Solu-Resist Series

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Discription	Controlled Insolubility, hydrocarbon & fuel resistant lubricants Pumps seals and fittings handling petroleum fuels. They contain no hydrocarbon molecules themselves, nor do they contain any chlorinated derivatives meet the Standards for 'Incidental Food Contact' in the Food Codices of Britain, The United States, Europe and Japan							
Grade	Appearance	Operating Temp °C	Penetration Unworked	Drop Point °C	Fire point °C	SG °C	NLGI	
								Pumps seals and fittings handling petroleum fuels. Meets the Standards for 'Incidental Food Contact'
A302	Beige opaque	-20 to 95	260-290	>200	>250	25	2 (Grades 1 and 4 can be made to	Mechanical lubrication made specifically for lubrication in the presence of hydrocarbon fluids and oils Example - Pumps seals and fittings handling petroleum fuels Meets the Standards for 'Incidental Food Contact'
A303	Beige opaque	-20 to 150	240-260	>200	>250	0.9	3 (Grades 1, 2 and 4 can be made to order	Mechanical lubrication Controlled Insolubility, hydrocarbon & fuel resistant lubricants meets the Standards for 'Incidental Food Contact'
A310	Cream white	-30 to 180	250-270	>200	>250	1.2	2-3	Pumps seals and fittings handling petroleum fuels EP Lubricating Compound with fluoropolymer additions for higher lubricity, maximum chemical resistance and for low temperature applications. Meets the Standards for 'Incidental Food Contact'
320	Silver grey	-20 to 150	240-260	>200	>250	1.4	2-3	EP Lubricating Grease with extreme wear resistant organic & inorganic compounds for maximum point load resistance Meets the Standards for 'Incidental Food Contact'
Packaging	Cartons containing 20 units X 250 G. screw top jars; cartons containing 4 units X 5 Kg. tins; and 20Kg. steel containers. Enquiries are invited concerning availability or development of alternative packaging forms, both for OEM metering and maintenance.							

### Compatibility with Metals & Elastomers

TRANZ A300 Series greases have shown a wide, general, but non-specific compatibility with most metals and elastomers used in bearings and seals but customers are advised that they must carry out their own verification on their precise systems. TRANZ Lubricants cannot assume any liability or responsibility for specific compatibility and makes no claims to this effect.

TRANZ A300 Series greases may be compatible with other lubricating products but clearly the special resist properties are absolutely compromised by the presence of other dissimilar, non-compatible materials. A310 & A320 especially will not perform adequately if the presence of foreign materials prevents concentration and spot foliation of their unique EP components at the wear and bearing points.

### HANDLING & CLEANING UP.

TRANZ A300 Series greases are neither hydrocarbon solvent, or water, soluble but can be removed by most formulated heavy duty cleaners. No specific dermatitic data is available but sensible work practice always requires the use of suitable hand and eye protection when using grease products. If the product is exposed to decomposition temperatures the fume should not be inhaled.

### Packaging

500gm & 5Kg canisters,

20\* and 60 kG. steel containers.

\* 20 kG pails are supplied standard tapered, but are available to order with parallel sides enabling use of pumping equipment with pressure, follower & eductor plates.