

**TRANZ LUBRICANTS is a Division of
FIELD PERFORMANCE AUSTRALIA**

Telephone 24/7 AH 02 6281 1805
technical@tranzlubricants.com
sales@tranzlubricants.com
PO Box 5014 GARRAN, ACT 2605
Website www.tranzlubricants.com



TRANZ Q10 to Q19 Sub Series

Functional Fluids & Compounds for Control of Thermal Energy

SUMMARY

FIELD PERFORMANCE manufactures a range of High Performance ETC Energy Transfer compounds, the TRANZ Q Series Branded Compounds for insulation, conduction or other control, of energy originating from, Electrical, Thermal and Mechanical sources. A broad summary and the numbering logic of the entire range is available in our Data Sheet entitled The TRANZ Q Series Compounds - A Summary.

As a part of the entire Q Series Energy Control Range, the TRANZ Q10-19 Subseries are characterized by inherent, extreme thermal stability, combined with a further individual functional capacity to either absorb, transfer, conduct or insulate, thermal energy. In addition, TRANZ Q14, Q15 & Q19 Dual Functionality Compounds, have an additional functional capacity relating to collateral control of electrical energy.

These functional properties of the TRANZ Q10-19 Subseries, are available mostly without resort to the inclusion of large metal particles (ie. "grits") excepting where their presence is desirable. Accordingly, certain TRANZ Q10-19 Subseries are suitable for applications where, depending on the specific grade chosen, excellent mechanical characteristics enable pumpability in the case of fluids and the softer compounds, together with their use where mechanical lubrication in rotating or sliding contact is also required. However in the case of colloidal or near-colloidal suspensions, effective agitation of the suspension is advisable prior to pumping - individual Data Sheets refer where applicable.

THERMAL ENERGY CONTROL

Thermal Insulating, Thermal Conducting - Thermal Transfer & Storage

TRANZ Q10 – Q19 Sub Series`	Q10	Thermal Insulating Fluids
	Q11	Thermal Insulating Compound Lubricants
	Q12	Thermal Conducting (Fine Clearances) Viscous Fluids
	Q13	Thermal Conducting Compound (grease-like) Lubricants, Bedding transistors and heat sinks
	Q14	Dual Function Thermal Conducting & Electrical Conducting, Compound.
	Q15	Dual Function Thermal Conducting & Electrical Insulating, Compound.
	Q19	Dual Function Thermal Conducting & Laser Transmission developed for for RAAF FA18C Pavetack Pod

PHYSICAL PRESENTATIONS

The range of TRANZ Q Subseries compounds are offered in broadly standard viscosities and API consistencies. Production of grades to alternative specifications at virtually any consistency, as individual service conditions of the products dictate, can be considered for individual customer applications or service requirements.

PACKAGING

Standard packaging is in 250G & 500G jars; 2.5kG & 5 kG tinplate canisters, 300 G grease cartridges, and 20 & 60 kG lined, steel, open-head pails. However, virtually any format can be prepared for specific service. Inquiries about these possibilities for preparation of special forms, special packaging or even modified performance properties, are invited.