

**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



**RESEARCH
ANALYSIS
CONSULTING
DEVELOPMENT
MANUFACTURE**

Among the Electrical Energy control compounds are a range of the ETC TRANZ Electrical Conducting Compounds, the information on this sheet is solely about this range, the TRANZ Q45 through Q48 Subseries are characterized by inherent control transfer of both high voltage and amperage.

TRANZ Q45 – TRANZ Q49 SERIES

High Performance Electrical Conducting Compounds

As a part of the entire TRANZ Q Series Range, TRANZ Q45 Sub-Series Electrical Conducting Compounds are characterized by inherent conductivity of AC, DC & Static electricity without resort to the inclusion of any metal grits.

Thus they are suitable for any application where, depending on the specific grade chosen, excellent mechanical lubricity in rotating or sliding contact is an equal performance parameter with their electrical conductivity.

Where Gritted Compounds are required to perforate the insulating effects of surface oxide films, choose from the related TRANZ ETC Q46 & 47 Sub-Series.

Table over...

TRANZ
Q45-1 to Q45-6

HIGH PERFORMANCE ELECTRICAL CONDUCTING COMPOUNDS SMOOTH –NON GRITTED

Performance Area Non Melting, Mechanical lubrication, rotating or sliding switchgear contact

Q45-1	Smooth Grit-free	Non-melting	-25°C to 80°C	NLGI 1 - 2	• General Purpose Mechanical, Lubricating Grease • Non arcing service inherent control capacity of both high voltage and amperage • Mechanical lubrication, rotating or sliding switchgear contact.
Q45-2	Smooth Grit-free	Non-melting	-60°C to 235°C	NLGI 1 - 2	• Special Fluoride Resistant, for Electro. Smelting Lubricating grease • inherent control capacity of both high voltage and amperage • Mechanical lubrication, rotating or sliding switchgear contact.
Q45-3	Smooth Grit-free	Non-melting	-60°C to 235°C	NLGI 1 - 2	• High Temperature. but only non arcing service. • inherent control capacity of both high voltage and amperage • Mechanical lubrication, rotating or sliding switchgear contact.
Q45-4	Smooth Grit-free	Non-melting	-60°C to 235°C	NLGI 1 - 2	• Mechanical lubrication, rotating or sliding switchgear contact. • High Tension (132 kV & over) only non arcing service • inherent control capacity of both high voltage and amperage
Q45-5 FireSafe®	Smooth Grit-free	Non-melting	-25°C to 80°C	NLGI 1 - 2	• FireSafe®, mechanical lubrication, rotating or sliding switchgear contact • Fire resistant compound for arcing conditions in switchgear • inherent control capacity of both high voltage and amperage
Q45-6	Smooth Grit-free	Non-melting	-25°C to 80°C	NLGI 1 - 2	• Specific for Continuous elastomer contact except silicones • Mechanical lubrication, rotating or sliding switchgear contact.