

TCZ 40 / 50 / 60

Zinc Base Thread Compound for Tool Joints & Drill Collars And Other Rotary Shouldered Connections

Benefits:

MOLYGRAPH® TCZ 40/50/60 contains over 40%, 50% and 60% finely powdered high purity zinc. This ensures a leak proof seal even in extreme pressures. The zinc compounds prevent galling and seizing and the need for excess Torque application to achieve break-out. These do not build up on threads and protect against additional make up. Chosen additives help the compounds guard against corrosion and they are easily brushable, resist water absorption and retain consistency over a wide range temperature band.

Service Rating: (-) 12°C [10°F] to (+) 177°C [350°F].

Recommendation: For use on Tool joints, Drill collars and other Rotary Shouldered connections.
Compound conforms to API RP 7A1.

Characteristics	Test Method	Unit	TCZ-40	TCZ-50	TCZ-60
Appearance	Visual	-	Smooth Paste	Smooth Paste	Smooth Paste
Colour	Visual	-	Grey / Greyish Green	Grey / Greyish Green	Grey / Greyish Green
Flash Point (Base Oil)	-	°C / °F	+200 [392]	+200 [392]	+200 [392]
Worked Penetration	ASTM D-217	0.1 mm	290 – 310	290 – 310	290 – 310
Dropping Point	ASTM D-2265	°C / °F	+180 [356]	+180 [356]	+180 [356]
Brushability	-	°C / °F	(-) 12 [10]	(-) 12 [10]	(-) 12 [10]
Zinc Content	-	%	40	50	60

Do not use on Oxygen lines or in atmospheres that have high content of Oxygen.

MSDS available on request.

Due to continual upgradation of products above data is subject to change without notice
This supersedes our previously issued data sheets.

[REV.5 / 01.01.14]

Information and data given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of a product for a particular use is beyond our control; all risks of use of the product are therefore assumed by the user and WE EXPRESSLY DISCLAIM ALL WARRANTIES OF EVERY KIND AND NATURE.

Anand Engineers Pvt Ltd. 66, MIDC, Road No. 13, Andheri (East), Mumbai - 400093,INDIA.

Tel :+91 22 28219292/8/9 Fax: +91 22 28379337 Email: sales@molygraph.com Web: www.molygraph.com