



Bringing Quality & Excellence

**IM Supply BV**  
Aquamarijnstraat 100-104  
7554 NT Hengelo  
The Netherlands

T: +31 (0)74 291 9294  
F: +31 (0)74 256 6490  
E: info@im-supply.com  
I: www.im-supply.com

# TECHNICAL DATA SHEET

## Z-50™ Zinc Tool Joint Compound

### DESCRIPTION

Z-50 is formulated with 50% metallic zinc, which meets the requirements described in API bulletin RP 7G. It contains special additives to reduce the problem of excessive plating and buildup of metallic zinc encountered with other compounds. Z-50 is manufactured with JET-LUBE grease compounded from custom refined low sulphur oil. The grease base ensures brushability over a wide temperature range, tenacious adherence to all surfaces, resistance to water wash out and the prevention of rust/corrosion. The metallic particles and other additives are maintained in uniform suspension throughout the compound. Z-50 is unmatched in its ability to displace moisture and in adherence to wet tool joint surfaces.

### ADVANTAGES

- Non-plating.
- Low sulphur content.
- Non-reactive, no gassing.
- Brushable over a wide temperature range.
- Sticks to wet joints Consistent rig floor makeup.
- Resistant to downhole makeup.
- Available in Arctic and Thermal grades.

### APPLICATIONS:

Z-50 Tool Joint Compounds is designed to provide the maximum protection for tool joint threads and shoulders over a wide variety of conditions.

### PRODUCT CHARACTERISTICS

Service Ranges:	-18°C (0°F) to 149°C (300°F)
Thickener:	Aluminium complex
Fluid Type:	Petroleum
Colour/Appearance:	Smooth Grey Paste
Dropping Point (ASTM D-566):	199°C (390°F)
Specific Gravity:	1,78
Oil Separation Wt. % Loss @ 100°C (212°F):	<5,0
Flash Point (ASTM D-92):	>221°C (430°F)
NLGI Grade:	1-2
Penetration @ 77°F (ASTM D-217):	275-305
Copper Strip Corrosion (ASTMD-4048):	1A
Shell 4-Ball (ASTM D-2596)	
Weld Point, kgf:	500
Recommended Torque:	Per API RP 7G
Friction factor:	1,0

### PACKAGING

Code	Net contents	Container
41532638	5kg	Pail
43862856	12,5kg	Pail
41820957	20kg	Pail

**Also available as Z-40 & Z-60 with different amounts of Zinc compared to Z-50**

#### LIMITED WARRANTY

Jet-Lube (UK) Limited makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube (UK) Limited materials and workmanship. This limited Express Warranty is expressly in lieu of any other express or implied warranties, including any implied warranty of merchantability or fitness for a particular purpose, and of any other obligation on the part of Jet-Lube (UK) Limited. The sole remedy for breach of the Limited Express Warranty shall be the refund of the purchase price. All other liability is negated and disclaimed, and Jet-Lube (UK) Limited shall not be liable for incidental or consequential damages.



### Jet-Lube House

Reform Road • Maidenhead • Berkshire • SL6 8BY

Telephone: +44 (0) 1628 631913 • Fax: +44 (0) 1628 773138 • Internet: www.jetlube.co.uk