

J-75[®] & J-89[™]

LEAD FREE DRILL STEEL LUBRICANTS

DESCRIPTION

JET-LUBE[®] J-75[®] & J-89[™] Drill Steel Lubricants are environmentally preferred, lead free compounds specifically designed for percussion drilling. Both formulations are highly fortified to provide excellent resistance to shock, galling and seizing. Their anti-friction properties are unsurpassed while providing easy thread assembly and disassembly.

Under makeup pressure both **J-75** and **J-89** literally "plate" and form a tenacious armored coating that eliminates metal-to-metal contact while penetrating voids, surface imperfections and score marks to increase thread life on steel bits, joints and couplings.

J-75 and **J-89** Drill Steel Lubricants provide yesterday's leaded performance in today's lead free environment. Both formulations makeup easy, breakout with less torque, and resist water washaway due to their state-of-the-art aluminum complex thickener.

- Lead Free
- Retards wear
- Prevents metal-to-metal contact
- Will not run out of hot threads
- Will not burn away
- Water resistant
- Prevents rust and corrosion

APPLICATIONS

J-75 and **J-89** Lead Free Drill Steel Lubricants are recommended for percussion rock drilling, blast hole drilling, road construction, logging, mining, coal drilling, pneumatic and tract drilling.

J-75 (brushable) and **J-89** (pumpable) Drill Steel Lubricants provide positive protection to 500°F (**J-75**)/450°F (**J-89**) and will not run out or metal out of hot threads. The superior anti-friction properties of both products reduce thread wear and lengthen steel and coupling life.

J-75 Drill Steel Lubricant	J-89 Drill Steel Lubricant
BRUSHABLE FORMULA	PUMPABLE FORMULA

PRODUCT CHARACTERISTICS

	J-75	J-89
Thickener	Alum. Comp.	Alum. Comp.
Fluid Type	Petroleum	Petroleum
Color/Appearance	Black	Black
Dropping Point (ASTM D-566)	500°F (260°C)	450°F (232°C)
Specific Gravity	1.19	1.19
Density (lbs/gal) Typical	9.9	9.9
Oil Separation, Wt. % Loss @ 212°F (100°C) (ASTM D-6184)	<1%	<3%
Flash Point, Typ. (ASTM D-92)	>430°F (221°C)	>430°F (221°C)
Water Spray-off (ASTM D-4049)	<10%	<10%
Penetration @ 77°F (25°C) (ASTM D-217) mm x 10 ⁻¹	235 - 265	290 - 320
Copper Strip Corrosion (ASTM D-4048)	1A	1A
Shell 4-Ball (ASTM D-2596)		
Weld Point, kfg	620	800
Load Wear Index	92	129

PACKAGING

	Code No.	Container Size	Container
J-75	24823	1 gal.	11 lbs.
	24812	2 gal.	22 lbs.
	24815	5 gal.	54 lbs.
J-89	24423	1 gal.	11 lbs.
	24412	2 gal.	22 lbs.
	24415	5 gal.	54 lbs.

LIMITED WARRANTY

Jet-Lube, Inc. makes the Limited Express Warranty that at the date of delivery, this product shall be free from defects in Jet-Lube, Inc. 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, Inc.

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, Inc. shall not be liable for incidental or consequential damages.

CORPORATE LOCATIONS

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