

# J-75<sup>®</sup> & J-89<sup>™</sup>



## TECHNICAL DATA SHEET

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### DESCRIPTION

**JET-LUBE<sup>®</sup> J-75<sup>®</sup> & J-89<sup>™</sup>** 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 antifriction 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

### OPERATING RANGE:

-18°C to 260°C (0°F to 500°F) - **J-75**  
-18°C to 232°C (0°F to 450°F) - **J-89**

### PRODUCT SPECIFICATIONS

	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

Inventory Code	Container Size	Container
J-75 24812	2 US Gal	Pail
J-89 24415	5 US Gal	Pail



### LIMITED WARRANTY

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

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 of Canada Ltd. shall not be liable for incidental or consequential damages.