



Bringing Quality & Excellence

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# TECHNICAL DATA SHEET

## J-89® Lead-Free Drill Steel Lubricant NLGI-1½ Pumpable

### DESCRIPTION

J-75 & J-89 Lead-Free Drill Steel Lubricants are environmentally preferred 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.

J-75 & J-89 'plate' and form a tenacious armoured coating which 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 & J-89 Drill Steel Lubricants are unleaded, but provide performance normally only found with leaded products. Both provide easy make-up and break-out with less torque and resist water washaway due to their state-of-the-art Aluminium Complex thickener.

J-75 & J-89 both provide positive protection to 260°C (J-75)/254°C (J-89) and will not seep from hot threads. Their superior anti-friction properties reduce wear and lengthen coupling life.

### ADVANTAGES

- Lead & Zinc free.
- Retards wear.
- Prevents metal-to-metal contact.
- Will not seep from hot threads.
- Will not burn away.
- Water resistant.
- Prevents rust and corrosion.

### APPLICATIONS:

J-75 (brushable) & J-89 (autolube) are recommended for percussion rock drilling, blast hole drilling, road construction, logging, mining, coal drilling, pneumatic and tract drilling.

### PRODUCT CHARACTERISTICS

Service Range:	-18°C (0°F) to 232°C (450°F)
Thickener:	Aluminium Complex
Fluid Type:	Petroleum
Colour:	Black
Dropping Point:	254°C (490°F)
Specific Gravity:	1,19
Oil Separation (WT.% Loss @ 100°C (212°F):	<3%
Flash Point (ASTM D-92) Typical:	>221°C (430°F)
Water Spray Off (ASTM D-4049):	<10%
Penetration @ 25°C (77°F) (ASTM D-217):	290-320
Copper Strip Corrosion (ASTM D-4048):	1A
Shell 4-Ball (ASTM D2596)	800
Load Wear Index:	129

### PACKAGING

Code	Net contents	Container
35684190	25kg	Pail

### 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.



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