

K>NETIC OIL JAR

The **LiMAR**[®] Oil Jar is designed to provide an upward jarring impact force when used in conjunction with a correctly matched LiMAR[®] Accelerator Sub. The LiMAR Oil Jar is a modernised version of the traditional hydraulic jars with focus on strength, sealing quality and user-friendliness.

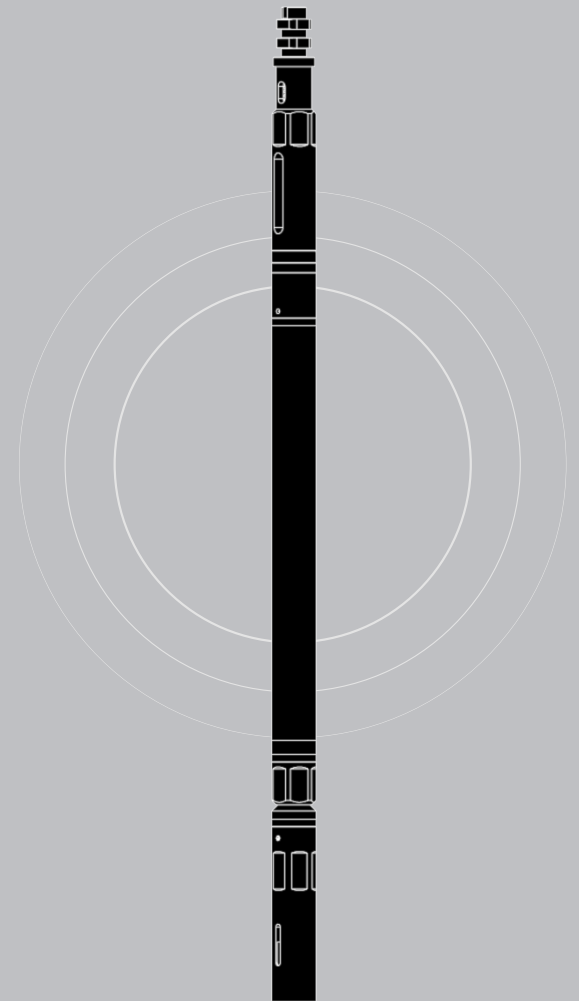
By maintaining an overpull, the oil within the Jar chamber is slowly metered until the close-tolerance piston reaches the larger internal ID. At this point the Slide Stem accelerates rapidly to 'fire' the toolstring upwards. The jar is then simply re-set / closed by setting down toolstring weight which moves the check valve and balance piston off seat, allowing fluid transfer to fully re-set the Oil Jar.

TOOL APPLICATIONS:

- For controlled, optimum upward jarring during the retrieval of downhole items

DESIGN FEATURES & BENEFITS:

- Available in industry standard toolstring sizes
- Suitable for use with a variety of viscosity oils to control jar release time in varied well temperatures
- Unique inverted jar design to increase moving mass for improved jar impact
- Balance piston chamber to limit well pressure effects
- Simplistic, ergonomic design for rapid redress
- Connection options to suit customer requirements
- Simple, robust design ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out
- Matched Accelerator Subs available to suit LiMAR Jar range



TECHNICAL DATA

Assembly Part No.	Actual OD	Fish Neck	Connection	Working Range
1207-1250-XXX-RX	1.250"	1.187"	Optional	up to 800lbs
1207-1500-XXX-RX	1.500"	1.375"	Optional	up to 1100lbs
1207-1750-XXX-RX	1.750"	1.375"	Optional	up to 3000lbs
1207-1875-XXX-RX	1.875"	1.750"	Optional	up to 3000lbs
1207-2125-XXX-RX	2.125"	1.750"	Optional	up to 3000lbs
1207-2500-XXX-RX	2.500"	2.313"	Optional	up to 7000lbs

XXX - Last 3 digits of part number denotes connection type
 For additional sizes or further information please contact sales@limaroiltools.com