



GLV DIAGNOSTICS & CLEAN-OUT PACKAGE

Designed to be deployed on any Kickover Tool, the **LIMAR**[®]GLV Diagnostics & Clean-Out Package comprises of various components critical in ascertaining the condition of and subsequent clean-out in and around the Gas Lift Valve within a Side Pocket Mandrel.

Securely supplied in a robust aluminium transportation and storage case, the Orientation Detection & im-PRES Sub, Compact KOT Dump Bailer, Compact KOT Hydrostatic Bailer and Wire Scratcher are the key components, often overlooked for contingent GLV changeout operations.

TOOL APPLICATIONS:

- To provide a compact but comprehensive package of key components required to diagnose the condition and subsequent retrieval of the Gaslift Valve, in and around the Side Pocket Mandrel.

DESIGN FEATURES & BENEFITS:

ORIENTATION DETECTION SUB

- Ideal for ascertaining the orientation of the SPM within the Completion
- Two-Run 180 degree Impression Disc reduces cost & inventory
- Positive locking mechanism to prevent repeat, distorted impression

im-PRES SUB

- Protective Shroud prevents distortion and damage to lead insert during KOT Arm activation
- Protective Shroud prevents swelling after impression
- Safe - Unique LiMAR Insert means no heating and pouring of molten lead
- Cost Effective – significant time and cost savings involved due to the rapid replacement of Lead Inserts
- Used Lead inserts can be retained for physical inspection after use

COMPACT KOT DUMP BAILER

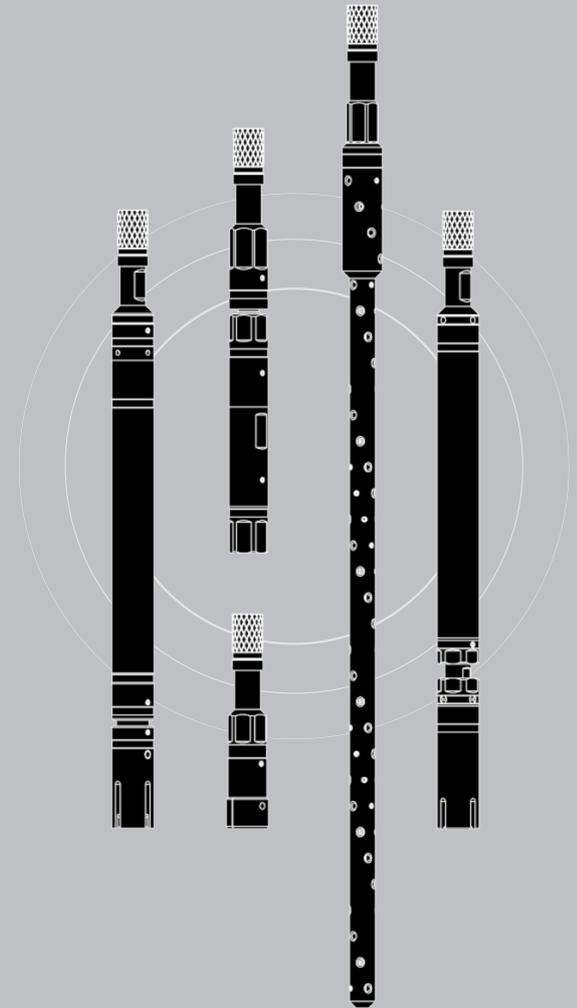
- Multiple Shear Screw option to accommodate varying downhole pressures
- Shoe designed not to interfere with GLV Latch and allow for optimum debris recovery
- Chamber volume optimised for effective debris recovery

COMPACT KOT HYDROSTATIC BAILER

- Can be made up to any Kickover Tool Multiple Shear Screw option to accommodate varying downhole pressures
- Shoe designed not to interfere with GLV Latch and allow for optimum debris recovery
- Chamber volume optimised for effective debris recovery

SHARED FEATURES & BENEFITS

- Simple, robust designs ensuring ease of operation for the end user
- Selected components QPQ treated
- Hexagonal flats for safe make-up & break-out



TECHNICAL DATA

Components	Product Code	To Suit GLV	Actual OD	Fish Neck	Connection
Orientation Detection Sub	1149	1" / 1-1/2"	1.350" / 1.625"	1.187"	15/16" SR
im-PRES Sub	1196	1" / 1-1/2"	1.350" / 1.625"	1.187"	15/16" SR
Compact KOT Dump Bailer	1189	1" / 1-1/2"	1.350" / 1.625"	1.187"	15/16" SR
Compact KOT Hydrostatic Bailer	1188	1" / 1-1/2"	1.350" / 1.625"	1.187"	15/16" SR
Wire Scratcher	1062	1" / 1-1/2"	1.000" / 1.500"	1.187"	15/16" SR

For additional sizes or further information please contact sales@limaroiltools.com