

STREAMLINE PREPAREDNESS CHECKLIST



ITEM	DESCRIPTION	YES/NO
Pack-off	Preferred model - Gulf Coast MK-2 due to better selfsealing capabilities and polymer upper bell.	
20ft lifting bridles w/ offset spreader bar	Longer lifting bridles allows for decreased angle from sheave wheel to pack off entry. Offset spreader bar to ensure that the cable is going into the pack off.	
Winch Drum	Ensure that edges of the winch drum are rounded and free of sharp edges.	
Pack off rubbers	Ensure you have the correct size for the line you are running. StreamLINE is smaller and uses a smaller ID element than other greaseless cables	
Pack Off Brass	To ensure proper alignment and mitigate against line damage, ensure correct brass is used for the line. This brass should be inspected regularly to ensure to wear sharp edges that may cause damage to the cable.	
Check-valve on lubrication chamber injection	This is needed to ensure that wellbore pressure isn't flushing lubricant out of the line and back to the pump	
Fittings for hoses (male and female)	To better track which is top and bottom pack off use different fittings on the upper and lower pack off. It is good to use a fitting that doesn't easily unplug.	
1 x 1" High Pressure Injection Hose	It is important to have a large hose so that the pump can perform at a lower pressure to move lubricant up to the pack-off. Best to use a fitting that screws onto the injection fitting.	
2 x 3/8" 5kpsi Hydraulic Hose	Better volume allows for better movement of fluid to the cylinder (10k hose needed for Titan EziLoad)	
2 x Hydraulic 5K Hand Pumps	Needed for pack-off activation (10k pump needed for Titan EziLoad)	
Hydraulic Oil	Needed for pack-off activation	
10K Lincoln Pump or Equivalent with a check valve on the pump	Best practice is to use a high-pressure Lincoln pump (140:1 ratio) to move lubricant to the pack off. Comparison is 15 strokes to 65 strokes with hand pump. Include a check valve on the pump incase the upper check valve fails fluid will not blow back into the grease tank.	
24" Sheaves or larger with a 23/64" Groove	Large sheave wheels are needed to reduce the axis of which the line travels, tight axis can reduce the cable life dramatically.	
Heavy Duty Sheave Wheel Stand	Large sheave stand needed to prevent sheave from falling over during operations.	
Approved Line Lubricant	Line lubricant to be applied directly to the drum	
Approved Pack off Lubricant	Pack off lubricant pumped into the dual pack off lubrication chamber.	

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Entry Guide	To prevent damage to the cable when picking up guns on the edge of the lubricator. Entry guide can be nylon or aluminum. There should be no sharp edges.	
Lubricator Evacuation Line/ Vent Sub	StreamLINE or greaseless cable is more susceptible to adiabatic damage during equalization/pressure testing. Suggested practice is to use an evacuation hose/Vent Sub and establish full returns. The alternative is to equalize at a rate no greater than 1 bpm.	
OSS Cable Head or PEH	OSS and Extreme provide cable heads for StreamLINE cable.	
OSS Cone Kit for StreamLINE	<p>1-29 StreamLINE Outer Cone - Z1.060CDOSS05HS Inner Cone -Z1.060CDOSS06SQ</p> <p>1-33 StreamLINE Outer Cone - Z1.0600SS05HS Inner Cone -Z1.0600SS06HS</p>	
Wire Spreader for StreamLINE	StreamLINE has 20 outer armors and uses a different wire spreader plate.	
Measuring head setup	Ensure settings are set correctly for the StreamLINE cable. Install AM3K Greaseless cable conversion kit (P/N = AM3KK095) and ensure that a 0.354" grooved wheel is used (P/N = AM3KA330).	