



EPICYCLIC SWIVEL SYSTEM

Premium designed the Sur-Drive™ Epicyclic Swivel System to address multiple problems that drillers have had with their top drive washpipe cartridge assemblies. These seal systems are one of the most common causes of downtime for a drilling rig. Premium's unique epicyclic design takes a new approach to these problems by slowing down the internal speeds within the cartridge, for any given top drive rotational speed. At the slower rotational speeds, seal life and other problems are significantly reduced.

FEATURES

- ◆ RPM On Packing Seals Reduced
- ◆ Self-Aligning
- ◆ Hammerless Installation
- ◆ Sealed Gear Box
- ◆ Pre-Compressed Packing Seals
- ◆ Competitively Priced
- ◆ Conventional Cartridge Assembly

Item	Part Description	TDS/Tesco National**	Canrig
		3" ID	
1B	5K Washpipe Assembly	401-0025	401-0031
1C	7.5K Washpipe Assembly	401-0027	401-0033
2A	5K Washpipe Packing *	401-0040	
2B	7.5K HT Washpipe Packing *	401-0041	
3	Holding Nut	401-0010	
4	Spacer Holding Ring	401-0011	
5	Packing Housing Assembly	401-0013	
6	Lower Packing Spacer	401-0016	
7	Middle Packing Spacer	401-0017	
8	Upper Packing Spacer Assembly	401-0019	
9	Washpipe Packing O-Ring	3N7-2348	

Recommended Tools (not pictured)		Item
Kluber Lube Applicator Assy W/Lanyard		601-0575
Grease Gun, Cordless 2 Speed, Sur-Drive Packing w/Lanyard		601-0868
Tool, Lifting, Sur-Drive, 3"		603-0138
Wrench, Spanner, For Adapter Hub, Sur-Drive 3" Swivel		401-0213

* Includes item #9

** Fits all models of Varco TDS series as well as Lewco DDTD500-National PS350/500-Bowen TD350PBE- Tesco EMI 400

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SUR-LOCK

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PATRIOT™



LOGAN
Power Swivel