3.45-2 MODEL S-1275-C WATER SWIVEL ASSY. NO. 140F895

Size 1-3/4" Capacity 10 Tons

The Model S-1275-C Failing water swivel is of compact design with a 1-3/4" ID opening throughout the swivel. It is constructed with two taper roller bearings to withstand heavy thrust loads. Heavy trunnions are provided on the side of the housing to accommodate the yoke on pulldown type rigs. Swivel packing consists of two rubber packing rings which may be easily replaced without disassembling the swivel.

To repack the swivel, first loosen the lock screw on the side of the gooseneck and rotate the retainer plate 90°, removing the retainer plate through the slot on the side of the gooseneck. This will pull the wear ring out from between the two packing rings. Remove both packing rings and replace with new packing rings.

In time, the bearings will wear, permitting lateral movement between the body and housing. When this occurs, it will be impossible to keep the packing from leaking and, therefore, the bearings must be adjusted. This is accomplished by first removing the gooseneck from the top of the swivel to eliminate any undue drag and to facilitate readjustment of the packing cavity. Adjust the bearings by removing shims (laminated type) from between the bottom plate and body until there is a slight drag on the bearings with no lateral movement between the body and housing. Next, replace the gooseneck with the necessary shims installed between the gooseneck and housing to achieve a 1-1/2" clearance between the bottom of the counterbore in the body to the top of the counterbore in the gooseneck. This adjustment is critical in that the two packing rings must have the proper tension to insure an effective seal. This adjustment provides approximately 3/32" draw of tension per ring.

Lubrication: Use medium pressure gun lubricant. Fill by removing pipe plug in the trunnion and replacing the plug with a 1/2" X 1/4" hex bushing fitted with a grease fitting. Pump grease into the cavity until you feel the pressure on the grease gun. Remove grease fitting and bushing and replace pipe plug. The swivel should be serviced weekly or more often, depending use to insure lubrication to the top bearing. The top seal is of a double lip type designed to keep grease in and dirt out of the swivel.