

NUMBER: 02-02-13-CP

McAlester Engineering

PRODUCT: MISSION **Magnum** Centrifugal Pumps**SUBJECT:** 416 SS Shaft Sleeve for Mechanical Seal Pumps**Mission Magnum Pump Assemblies:**

All Mission pump sizes have been assembled with ceramic coated shaft sleeves in the past. Currently the mechanical seal version of the pump is being changed and the sleeve used will be 416 stainless steel c/n 646492505.

When utilizing a mechanical seal, the ceramic coated wear surface is not required and the mechanical seal faces provide the seal. When disassembling a mechanical seal pump it is sometimes difficult to remove the ceramic sleeve without destroying it and making the task more difficult.

When calling for replacement parts a shaft sleeve assembly kit c/n 641102181 was normally specified. That kit had the ceramic coated shaft sleeve c/n 646490656 and two o-rings.

A new replacement part number has been created. C/N 641102182 is an assembly with the 416 stainless steel sleeve and o-rings. Please see that customers wanting the 416 stainless steel shaft sleeve for the mechanical seal pumps are aware of the replacement kit.

Pump Type "Magnum"	Previous Sleeve	Previous Sleeve Assembly	Current Sleeve	Current Assembly Sleeve
Mechanical Seal Pumps	646492656	641102181	646492505	641102182
Packed Pumps	646492656	641102181	Same as previous	Same as previous