


# PCM ECOSEAL

keep it moving 



To meet the highest environmental demand for PCPs, PCM EcoSeal stuffing box features an integral seal system which protects the environment by providing a reliable seal between the rotating polished rod and the stationary wellhead and drive.

PCM decided to make this environmental sealing solution our standard on all PCM driveheads in the CD, CG, and CH series.

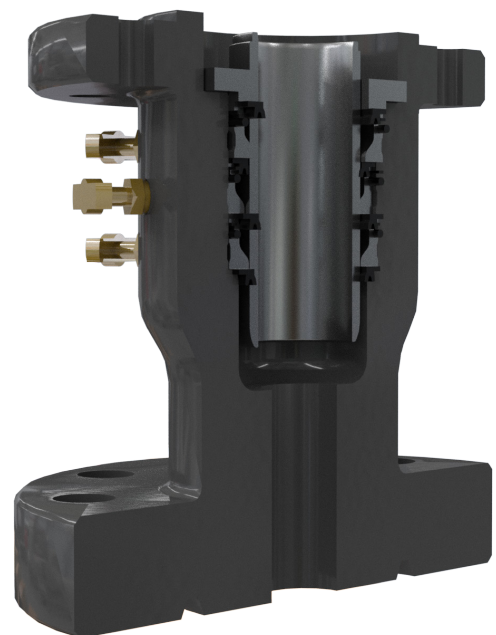
PCM EcoSeal stuffing box is the newest generation of our proven seal system, with over 40 years of history in the industry.

Why use a **PCM EcoSeal** stuffing box instead of a conventional rope-packing stuffing box?

- Redundant sealing system
- No seepage
- Easy maintenance

## FEATURES

- High pressure and temperature ratings
- Increased safety with no exposed rotating parts
- Long life



Artificial Lift Solutions

### › PRODUCT DESCRIPTION

**PCM EcoSeal** stuffing box uses four specially designed lip seals in series.

The spaces between these seals are filled with an EP2 lithium grease to lubricate and protect the seals. These spaces can be checked for the presence of produced fluid to monitor the integrity of the seals. The lip seals seal against a replaceable wear sleeve, attached to the drivehead's main shaft.

There is standard packing between the polished rod and the main shaft, but these rotate together, so this packing never wears.



### › MAINTENANCE:

The only required maintenance is to grease the seals regularly. With this, the seal should last many years. When the seal eventually leaks, the seal housing and wear sleeve can be replaced in the field. The seal housing can then be refurbished in the workshop by replacing the lip seals and some o-rings.

### › SPECIFICATIONS:

- **Max. Pressure:** 2 000 psi (138 bar) static\* & 500 psi (34 bar) dynamic\*
- **Max. Temperature:** 390°F (200°C)
- An optional automatic leak-detection system is available

\* Higher dynamic pressure (69 bar, or possibly higher) may be possible depending on conditions. Contact PCM for an engineering assessment if this is required. The static pressure rating is valid for 30 seconds with the fluid temperature below 100°C.