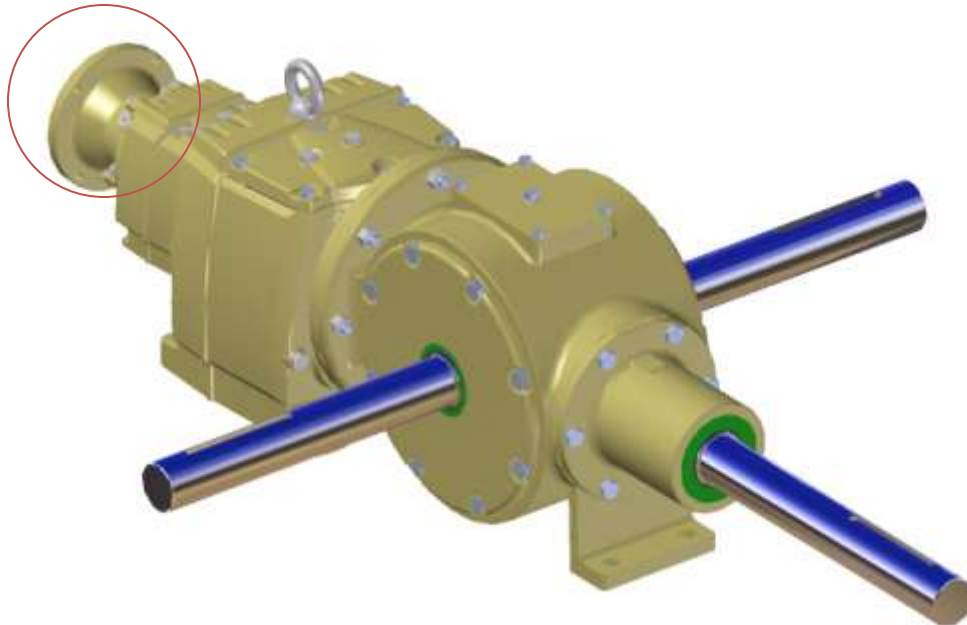


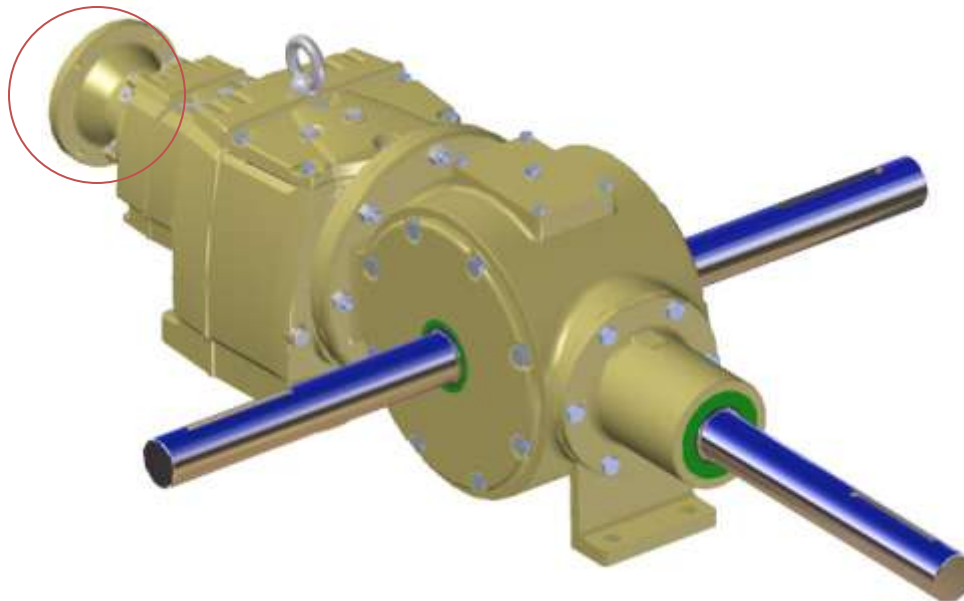
# Sludge Drive Review – Design Features

- Input Possibilities of C-face and Gearmotor
  - C-Face with quill construction
    - Compact
    - Non-metallic quill liner standard
      - No fretting, easy motor removal



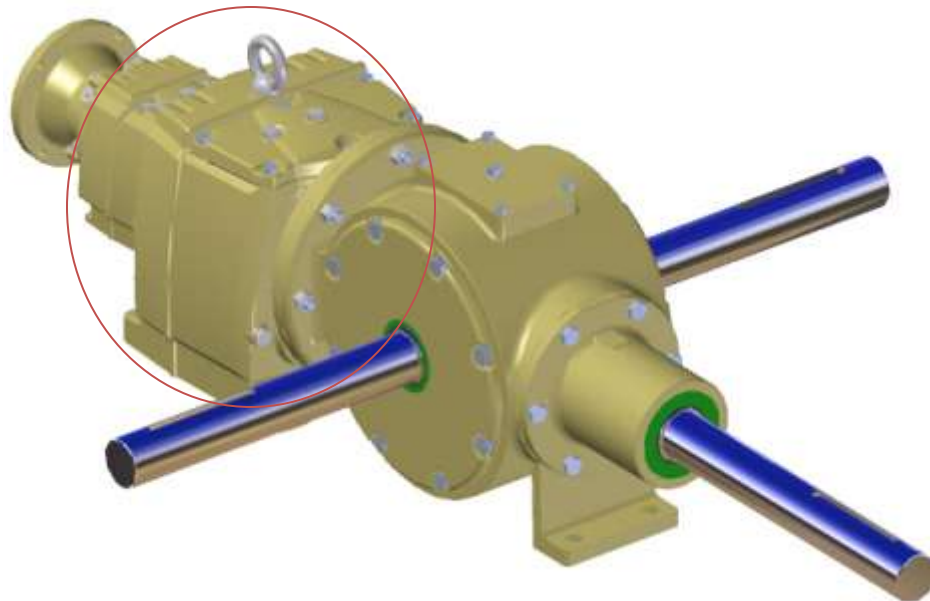
# Sludge Drive Review – Design Features

- Input Possibilities of C-face and Gearmotor
  - Gearmotor with “modular” connection
    - Wide range of “off the shelf” motor styles
    - Easily replaced motor leaving gearing in place



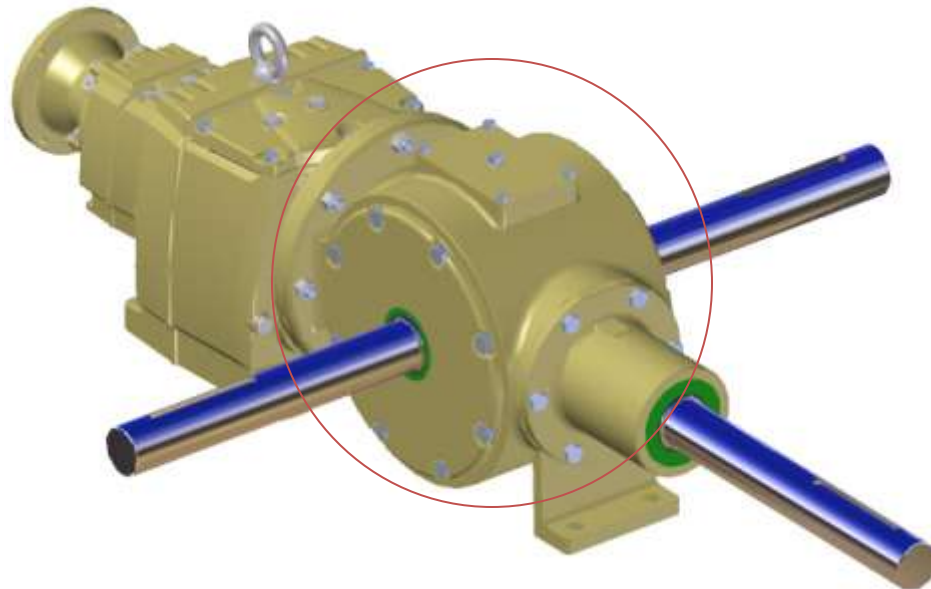
# Sludge Drive Review – Design Features

- Footed helical reduction section
  - Latest generation product design (Series 3000)
    - “Assemble on demand” platform
    - AGMA class 10 quality level –



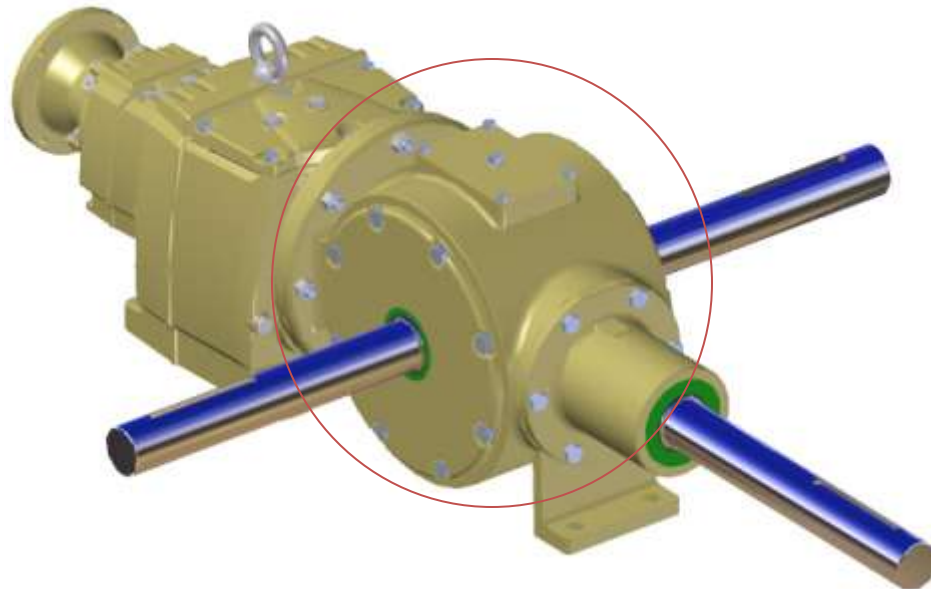
# Sludge Drive Review – Design Features

- Compact spiral bevel final reduction
  - Utilizes standard bevel gear sets (2:1 to side shafts)
  - Housing construction simplifies various shaft possibilities



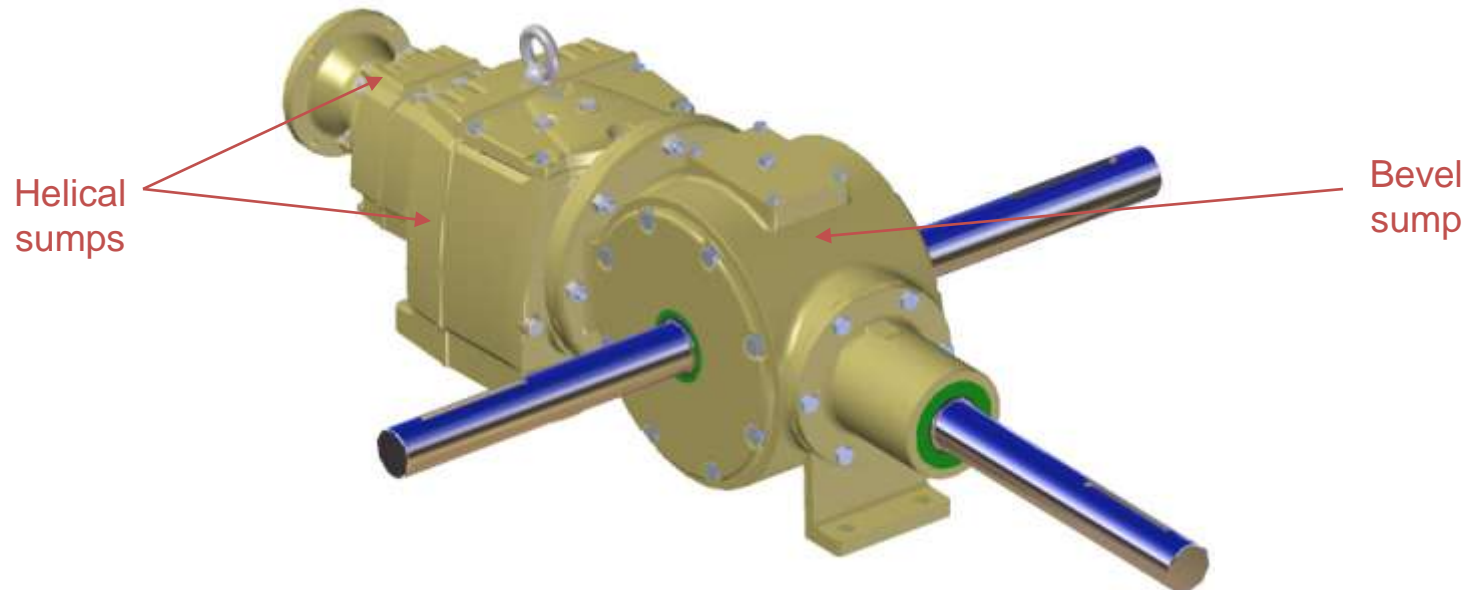
# Sludge Drive Review – Design Features

- Robust spiral bevel final reduction housing
  - Taper roller bearings deliver B-10 life 100,000 hours
  - Front shaft diameter same as side shafts
  - Front “foot” enhances mounting integrity



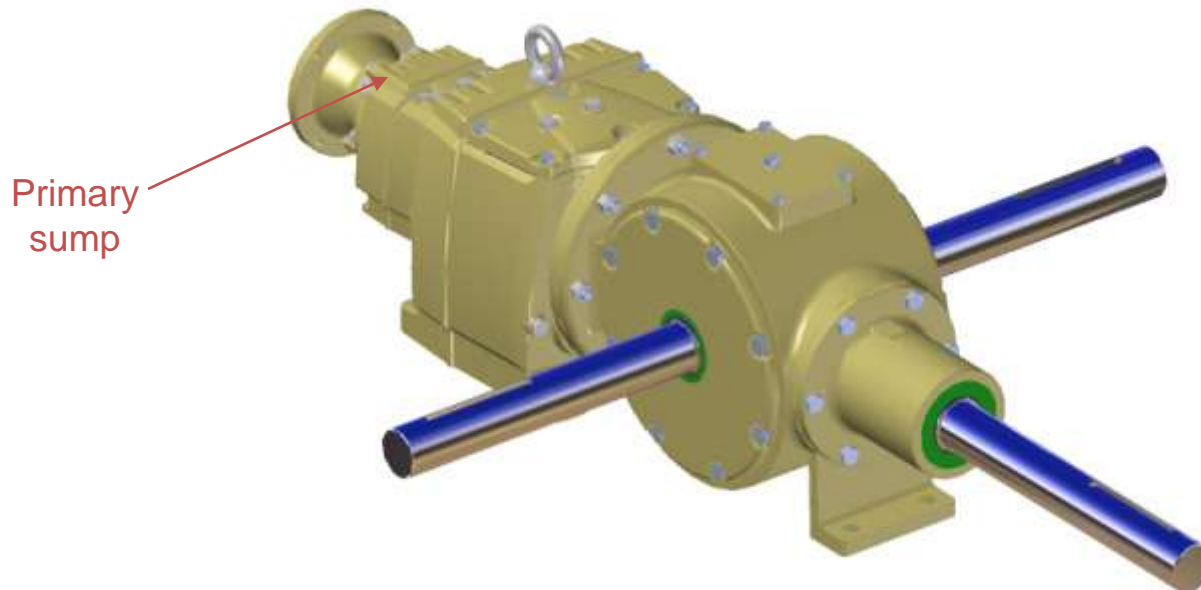
# Sludge Drive Review – Design Features

- Simplified start-up and maintenance
  - All oil sumps pre-filled by EPT at assembly
    - Helical sumps with Mobil SHC-629 or equal
    - Bevel sump with Mobil SHC-630



# Sludge Drive Review – Design Features

- Simplified start-up and maintenance
  - Synthetic lubricants provide superior ambient range
  - Final helical and bevel sumps without breather
    - Primary sump will have “normally closed” breather design

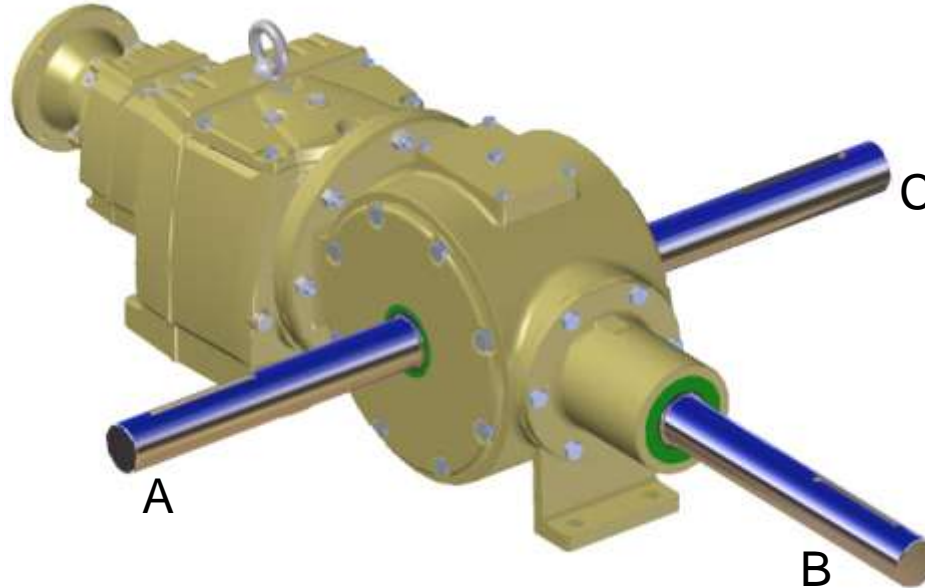


# Sludge Drive Review – Design

## Capacity Summary

Application	Shaft A	Shaft C	Shaft B	Shaft A	Shaft C	Shaft B	Req'd Torque	Calc.
	Chain Pull	Chain Pull	Chain Pull	Torque	Torque	Torque	CbN (helical)	S.F.
Max Theoretical	2000	2000	800	9260	9260	3704	12964	1.10
20 X 250 Tank	1575	1575	800	7292	7292	3704	10996	1.29
20 X 150 Tank	950	950	800	4399	4399	3704	8103	1.75
8 X 50 Tank	610	610	800	2824	2824	3704	6528	2.18

Sprocket Pitch Diameter = 9.26 inches





# Sludge Drive Application Photos



# Sludge Drive Application Photos

