

Service Bulletin

Char-Lynn®
Hydraulic Motors

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Subject: Case Drains on Char-Lynn Motors used in Hydrostatic Closed Loop applications.

We continue to get questions about using case drains on Char-Lynn motors used in closed loop applications.

Case drains offer several advantages in closed loop circuits:

- **Reduce back pressure on the shaft seal resulting in longer seal life.**
- **Help flush contaminants.**
- **Allow the charge pump to replenish the drained oil with cooler, cleaner oil.**

We recommend using case drains in series applications where motors are subject to case pressures above 1500 PSI (103 Bar). Also, case drains should be installed in such a manner to assure the motor will always remain full of fluid.

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