

# FALCON LONGREACH OUTBACK UTE.

MAJOR UNIQUE COMPONENTRY.



HAVE YOU DRIVEN AFORD...LATELY?





## BTR HYDRATRAC LSD

The BTR Hydratrac LSD (Patent Pending) incorporates a cartridge type fluid coupling which progressively and smoothly increases torque transfer to the wheel with slower rotation.

This is in direct response to the reactive speed difference of the opposing, faster-rotating wheel.

Thus, the more one wheel slips, the greater the useful tractive effort on the opposite wheel.

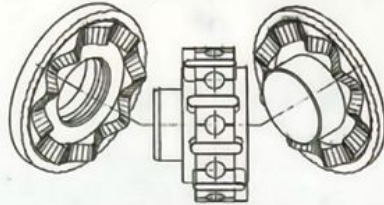
Also, the large torque range available makes the BTR Hydratrac LSD suitable for a wide variety of differential applications in front, rear and inter-axle configurations, with characteristics tuned to suit customer requirements.

Consequently, the correct degree of torque tends to automatically be distributed to each drive wheel as conditions demand, thereby ensuring that near optimum balance between traction, cornering performance, stability and driver feedback is achieved.

The main benefits of the BTR Hydratrac LSD over other comparable couplings include improved torque bias characteristics (particularly when working hard), faster more efficient response and greater durability in a relatively simple and compact package comprising extremely robust internal components catering for the highest performance applications.

The BTR Hydratrac LSD is self-contained and designed for easy incorporation into the drivetrain, making it very cost-effective in the context of vehicle assembly as well as future servicing.

### BTR Hydratrac Details



## BTR SPEED SENSITIVE HYDRATRAC LIMITED SLIP DIFFERENTIAL

### FEATURES AND BENEFITS

- Speed sensitive, with innovative BTR fluid coupling.
- Progressive build-up of torque transfer as wheel speed difference increases.
- Significantly enhances vehicle stability, traction and cornering "feel".
- Robust and compact.
- Great flexibility available for tuning torque transfer characteristics to suit customer requirements.
- No electronics, hydraulics or other external controls required.
- Cost effective high performance relative to other speed sensitive systems.

