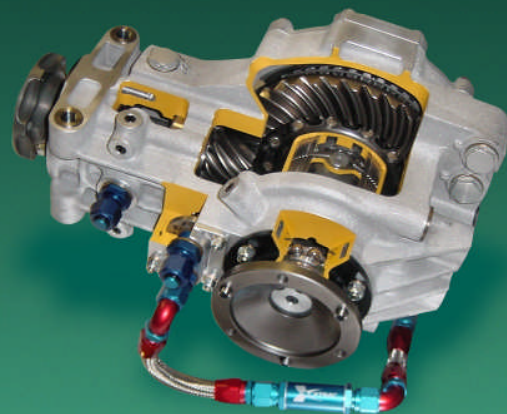


'247' HEAVY DUTY FRONT OR REAR DIFFERENTIAL

The 247 heavy duty differential is an independent unit designed for either front and/or rear drive applications, typically for Cross Country, Rally Raid vehicles or Sports cars.

Universal mountings allow unit to be mounted for all shaft rotations and positions (Front and Rear). The oil system has been designed to operate in all possible orientations. These features combined with the unit's high quality, low cost attributes make this product ideal for a wide variety of endurance type events.



Specification

- 4,000Nm (2,950lbf ft) maximum output torque.*
- Cast Aluminum L169 Alloy casing and side cover.
- Universal mounting points.
- Plate differential with ZF008 type internals.
- Crown wheel & pinion with hard cut tooth form for greater strength & life.
- Many different ratios available.
- Differential mounted on heavy duty taper roller bearings.
- Recirculating wet sump oil system.
- Oil Pump, eccentric 6mm-rotor type.
- External filter, with internal magnet.
- Prop shaft flange options: \varnothing 100 mm Lobro or Universal Joint.
- Output flanges to suit Lobro AV125 joints (\varnothing 128mm)
- Input and output flange lip seals with additional dust shields
- Differential weight is approximately 37kg (81.5lb).*

Differential Benefits

- Universal orientation mounting.
- Proven Dakar credentials.
- Cost effective, reliable solution.

Options Summary

- Epicyclic Viscous Limited Slip Differential.
- Different ratings of viscous coupling are available.
- Front axle installation kit, half shaft and support casting.
- Magnesium Castings.
- Large selection of ramp options.
- Various final drive ratios.
- Xtremed polished final drive.
- Oil pump performance to suit applications.
- Medium duty '407' differential also available.

Why choose Xtrac?

Quality

- Strict quality assurance procedures are carried out at every stage of manufacture
- Steels manufactured to Xtrac's own specifications.
- Every unit dynamically test run prior to dispatch.

Performance

- Xtrac's advanced engineering solutions keep our customers ahead of the competition
- Xtrac's in-house manufacture provides rapid response.
- Our processes and procedures are continually monitored and evolved to increase efficiency.

Reliability

To finish first, first you have to finish... Xtrac's track record speaks for itself:

- 26 Formula One World Championships
- 20 CART Championships • 15 Indy 500 Victories
- 21 Touring Car Championships • 23 World Rally Championships
- 10 Le Mans/Daytona 24 Hour Victories
- 14 Dakar Rally Victories
- 5 NHRA Drag Racing Championships
- 8 AMA MX/SX Championships

