

The new direction in braking

Impartial Pty Ltd (IPL) has a background of more than 40 years in the industry and started importing commercial-vehicle components for trailers some 10 years ago.

Today the company has developed and expanded its product portfolio, specialising in commercial-vehicle brake friction, brake foundation and suspension components.

IPL says the OREX brand has been developed with the latest quality-control manufacturing processes to ensure quality and safety is met and to also meet stringent international standards in Australia.

The range of OREX brake-shoe kits comply with FMVSS -121, SAEJ2115 (Section 6), which meets the standards for brake performance. The OREX F5011 asbestos-free friction formula is rated at 23000lb for heavy-duty applications on both trucks and trailers. The brake-shoe

assembly is fully welded on the webbing/platform for strength and durability and features stamped batch coding for traceability. The shoe is also heat treated on both cam/anchor journals and comes complete with the heavy-duty brake-hardware kit.

The compact range of OREX brake drums are manufactured to original equipment manufacturer (OEM) specifications to guarantee high-quality casting and machining, as well as delivering high braking efficiency, performance and safety with a rating of 26000lb GAWR (gross axle weight restriction). The OREX brake drum carbon content has HT250-quality graded steel and is also dynamic balanced, which reduces hot spots, brake drag, glazing, hairline cracking and noise while maintaining stable and consistent braking across all axles. IPL says it will maximise braking efficiency and extend service intervals when matched with the OREX brake-shoe kits.

The OREX range of auto slack adjusters (ASA) – now an Australian Design Rule (ADR) and mandatory on trucks and trailers – and spring brake chambers with crimp-style assembly and compliance SAEJ2318, have also been introduced, offering a complete braking-solutions package for anyone servicing a fleet of vehicles.

The OREX range of truck and trailer disc

rotors feature high-quality carbon content and the disc rotor's tensile strength and grade of casting is manufactured to BS EN 1561 & ISO185 specifications, which meets OEM specifications and also European Compliance ECE R90 regulations. The OREX disc rotor is production edged, marked for traceability, QS9001 quality assured and also dynamic balanced to ensure optimal brake performance.

The OREX range of commercial vehicle disc pads to suit Knorr-Bremse, Meritor and Wabco calipers comply with European ECE90, R90 regulations. The disc-pad backing plate is a fixed mesh-type for increased shear strength and safety. All disc pads come complete with fitting kit for increased performance and service life. The OREX CV3 disc pad friction material formulation is also compatible with the OREX disc rotor to reduce excessive disc wear, scoring and hairline cracking.

Also on offer from IPL is the Blacktech air-suspension bags range to suit axles including BPW, Hendrickson, Meritor, SAF and York. Blacktech airbags are manufactured using the latest technology, certified to T16949 that implements quality-management-systems procedures and sold extensively throughout Europe.

For more information contact: Impartial Pty Ltd **02 9755 3333**
visit: www.orexparts.com.au

