Hubcaps

Lightweight and robust thermoplastic hubcaps, which are lighter than steel and stronger than aluminium, offering superior protection from the external environment and lubrication retention for truck and trailer wheel end bearing and hub unit applications.

Available applications

Oil bath and grease packed truck and trailer wheel end applications.

Designs available:

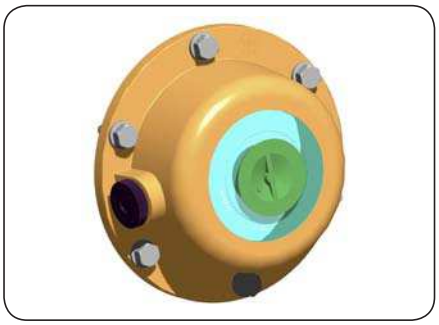
- Oil-bath designs
- Grease-packed designs

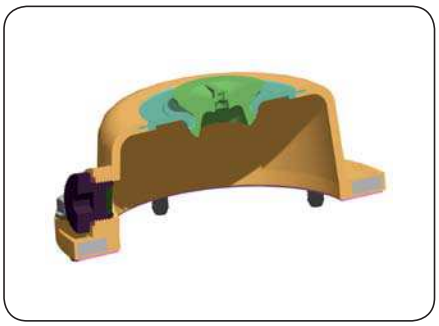
Features of the product:

- Embedded, solid aluminium ring evenly distributes sealing load against the hub
- Molded pressure ridge on mounting flange bites into sealing gasket to provide leak-proof fit
- Proven center-fill vented-plug design
- Side fill plug incorporates o-ring for extra leak protection and magnet which traps metallic particles that can be detrimental to the performance of the seals and bearings
- Plated and pre-assembled SEMS bolts with conical washers to help prevent galvanic corrosion are included
- Oil level site window is fusion bonded to body which eliminates the possibility of loosening over time and thus creating a leak path
- For grease-packed applications: Patented "umbrella" style valve seals out contamination, yet vents internal pressure as low as 0,14 bar *(2 psi)* even when covered by 6 mm *(0.24 in.)* of grease

Benefits of the product:

- Robust and lightweight design
- Resistant against impact damage, weather, chemicals, road salt, UV radiation and ozone
- Superior protection from a range of over-the-road conditions from ricocheting rocks to flooded shipping docks
- Compatible with all popular lubricants such as oils, greases and the latest synthetic fluids
- Extended service life of bearings and hub units
- Can be integrated with central tyre inflation systems





Competitive advantages:

- Unrivalled wheel-end protection against external contamination
- Approved by all major U.S. OE truck and trailer manufacturers
- TF Hubcaps routinely perform in the field for well over 800 000 maintenance free kilometres *(500 000 miles)*

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