

USE ALGREASE™ WHEN CHANGING TYRES

Frequent changing of tyres in undesirable conditions, use of water-based lubricants for tyre fitting, as well as neglect of the surface of the bead seat undoubtedly lead to loss of air caused by corrosion, oxidization of the aluminium and dirt build up.

Certain types of rubber can “fuse” to the bead seat of the wheel. If this rubber & other residues are not removed before the fitment of a new tyre the uneven surface can lead to loss of air.

Before mounting a new tyre clean the bead seats thoroughly with a wire brush or an appropriate power tool until a smooth & clean surface is reached.



Remove the valves core when cleaning the bead seats to avoid dirt build up in the valve-shaft, which could cause malfunctioning of the valve.



Avoid using strong abrasive tools and/or excessive force that could cause dents in the surface. Uneven or damaged surfaces can lead to leakage.



Apply a film of ALgrease™ to both bead seats, rim horns, humps and curved sides of the rim well.

Also apply ALgrease™ to both beads of the tyre.

Proceed with mounting of the tyre according to mounting procedures and safety guidelines provided by the tyre companies.



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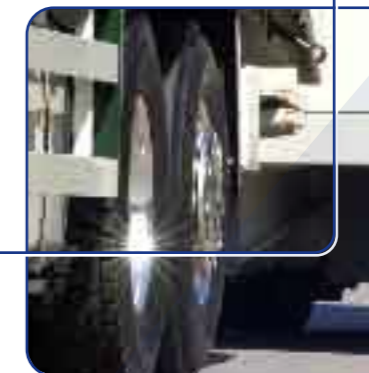
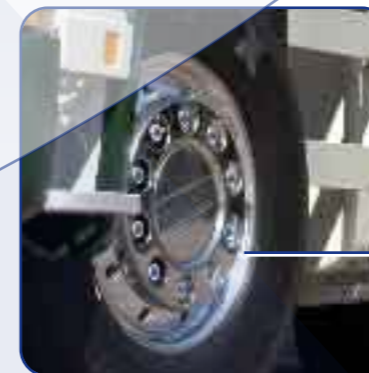
UK

User's guide

ALGREASE



- When mounting wheels
- When checking or replacing valves
- When changing tyres



USE ALGREASE™ WHEN MOUNTING WHEELS

During the time that wheels are in service, dirt and other foreign matter accumulate around the wheel and hub area. Water and road-salt can then lead to oxidation in the centre bore of the wheel. The centring spigots and especially the uninterrupted centring edges of the hubs are thereby causing the wheels to stick to the hubs, so that it becomes difficult to remove them.

To prevent wheels from sticking to hubs use ALgrease™ before mounting the wheel to the hub.

If sticking occurred, once the wheel has been removed:

Clean the faces of the disc of the wheel and the hub that are in contact.



Clean spigots or centring edges of the hub as well as the inner side of the hub bore of the wheel thoroughly. Use a wire brush to remove traces of rust, oxides and dust.



Apply a thin layer of ALgrease™ on the inner side of the hub bore of the wheel and / or at the spigots or centring edge of the hub.



ALgrease™ is safe to use on aluminium and steel. It resists high and low temperatures. Parts and surfaces treated with ALgrease™ are protected from corrosion. It is recommended to use ALgrease™ each time wheels are fitted.

Do not apply ALgrease™ to the mating surfaces in the mounting area of the hub or the disc of the wheel.

Do not use any other lubricants that are water-based or contain heavy metals. Such products can lead to extra oxidation.



USE ALGREASE™ WHEN CHECKING OR REPLACING VALVES

After a period of time and mileage tyres will be replaced. This is the best occasion to check the valve. It is recommended to replace it; many tyre & wheel specialists have made a routine of this.

Clean the valve seat and -hole thoroughly after removal of the valve.

Avoid using sharp tools and / or excessive force that could cause scratches or dents in the surface. Uneven or damaged surfaces can lead to leakage. Fine sandpaper, steel wool or a soft wire brush will help you to clean the area without harming the surface.



Apply a layer of ALgrease™ in the valve hole and the outer and inner side up to 2 centimetres in diameter around the valve hole.



Before installing the valve apply some ALgrease™ on the shaft and base where the rubber ring is located.

To avoid loss of air by improper fitment or corrosion, Alcoa wheels should be fitted with chrome or nickel-plated valves that meet high standards and that are specially designed for Alcoa wheels. Alcoa valves have 14 and 16 mm hex nuts; older US made wheels used 5/8" hex nuts for the valves.



Install the valve with care and do not over torque: the recommended torque is 9 to 16 Nm.

Do not use any other lubricants that are water-based or contain heavy metals. Two types of valves cover almost all wheels. The most common valves used on Alcoa's latest wheels are the 60MS27N for 8.25 & 9.00 and the TR 542 for all 11.75, 13.00 and 14.00 wheels. For further details see our technical leaflet. In case of doubt contact your local dealer, distributor or Alcoa Wheel Products Europe.

