

Wheel Products Europe

NEWSLETTER

July 2008

New LIGHTWEIGHT supersingle wheel

Alcoa continues its battle against every kilo and introduces a new lightweight supersingle wheel.

Dimension: 22.5 x 11.75
 Offset: 0 mm
 Previous weight: 23.4 kg
 New weight: 22.1 kg **minus 1.3 kg!**

New part numbers:

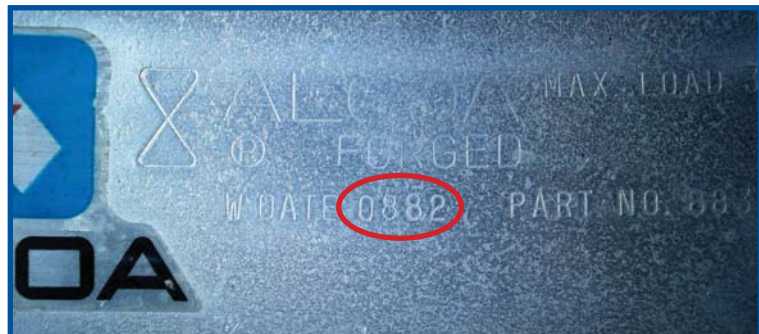
| Bolt holes | Brushed | Mirror Polished | Dura-Bright® |
|------------|---------|-----------------|--------------|
| 26 mm | 810520 | 810522 | 810522DB |
| 32 mm | 810510 | 810512 | 810512DB |

This new wheel, which is the lightest in the market in this dimension, will be produced in the Alcoa wheel plant in Hungary as from August 2008.



**Alcoa forged aluminium wheels
THE LIGHTEST, THE STRONGEST**

Greenwood Bros & Gaskell, U.K. - Winner of the "oldest Alcoa wheel" competition



Alcoa wheels come with a 5 year unlimited mileage warranty, but in reality they can last 5 times as long.

Mr. Gaskell will receive a free set of Dura-Bright® wheels, which he will surely appreciate as these wheels offer the advantage of easy cleaning, saving many hours in maintenance! This is quite a nice anniversary gift, as Greenwood Bros & Gaskell are celebrating their 60th anniversary in 2008. Their family business was founded in 1948, in the same year that Alcoa made the first forged aluminium truck wheel!

We would like to take this opportunity to thank all the participants for their participation and the many pictures of old Alcoa wheels we received. In the meantime, Alcoa gifts have been sent to all participating fleets.

In reply to the competition of the "oldest Alcoa wheel", launched in our April newsletter, fleets from all over Europe sent in pictures of old Alcoa wheels still in use, some very old! We thought we had seen it all, but were really surprised to get one from August 1982. Until this day, Andrew Gaskell of Greenwood Bros & Gaskell is using a 22.5 x 8.25 Alcoa wheel, **manufactured in the USA in August 1982**, on his vehicle.

Can you imagine? 26 years of service and who knows how many miles! We were pleased, and yes also proud, to see this wheel. It proves what a good investment Alcoa wheels are.



Nigel K.Charlton Haulage go for Alcoa WorkHorse® wheels



Whatley quarry in the South of England is one of the largest production quarries in Europe producing 12000 tons of lime stone daily. Three train loads and hundreds of truck loads are needed to move this amount of stone day after day.

One of the haulage companies involved is Nigel K.Charlton Haulage from Frome, Somerset. They were founded 28 years ago and today run a fleet of 5 trucks. Since 20 years they mount Alcoa forged aluminium wheels on all of their vehicles, the newest one being a Daf XF 500 horse power engine truck, coupled to a new Stas tipping trailer. Remarkable is that both truck and trailer are entirely fitted with the Alcoa WorkHorse® wheels, which have no ventilation holes, to prevent sand and gravel entering in the brake system.

Nigel was one of the first operators to realize the advantages of these WorkHorse® wheels. He has been using them for six months now and is very enthusiastic:

"I run all my vehicles on Alcoa wheels because they are much lighter than steel wheels and weight saving is very important in this type of transport. With the WorkHorse® wheels we get added strength on top of the weight saving advantage. And equally important: the fact that the WorkHorse® wheels have no ventilation holes prevents the quarry dust and grit entering the brake area, thus extending the brake life of truck and trailer. An additional advantage we came across is that the cab windows stay a lot cleaner with these wheels. The fact that they have no ventilation holes also makes them easier and quicker to clean. I have ordered a new DAF LF for delivery in July and it will be retrofitted in the U.K. with Alcoa WorkHorse® wheels."



Alcoa WorkHorse® wheels are available in sizes 22.5 x 8.25, 22.5 x 9.00, 22.5 x 11.75 with 120 and 135 mm offset, in Brushed finish. They have a maximum load which is 5% higher than standard wheels in sizes 22.5 x 8.25, 22.5 x 9.00 and 22.5 x 11.75, 135 mm offset. **The maximum load of the 22.5 x 11.75, 120 mm offset, is even 10% higher!**

For more technical details on these wheels, please consult the Alcoa March 2008 Specification Sheet on http://www.alcoa.com/alcoawheels/europe/en/wheel_specs_technical.asp.

Shows

We will be pleased to welcome you at our stand at following events during the coming months:

- | | | |
|---------------------------------------|---------------------|--------------------------------|
| - Lastbil, Jönköping, Sweden | Hall D, stand 03:21 | August 20 - 23, 2008 |
| - Carrosserie Vakdagen, Gorinchem, NL | | September 2 - 4, 2008 |
| - IAA, Hanover, Germany | Hall 25, stand B37 | September 25 - October 2, 2008 |
| - EURO BUS EXPO 2008, Birmingham, UK | Hall 4, stand E50 | November 4 - 6, 2008 |

Société Arsonneau, France, prefer Alcoa Dura-Bright® wheels

Founded in 1975 by Christian Arsonneau, Arsonneau Transport is today managed by Christian's sons Rémi and Christophe and counts 29 employees. They are active in transport, recycling of glass, wood and green waste and wholesale of compost, fertilizers, straw and pasture. Their fleet consist of a variety of vehicles, such as platforms, open bulk 60m³ trailers, moving floors etc... and they specialize in transport of environmental and recyclable goods, both national and international. Arsonneau is part of France Benne, an independent hauliers network of 67 small and medium size fleets, specialized in bulk transport - www.france-benne.fr.



6 years ago they bought their first Alcoa wheels and in the meantime 13 of their vehicles are fitted with Alcoa forged aluminium wheels. The main reason for choosing Alcoa wheels is weight saving.

In 2007 they discovered Dura-Bright® wheels and in the meantime they have 3 complete truck/trailer combinations on these easy to clean wheels.

Arsonneau are so pleased with the Dura-Bright® wheels, they are promoting it via an advertisement on one of their moving floors.

Christophe Arsonneau states:

"The reason for specifying Alcoa Dura-Bright® wheels are the looks, clean image and easy cleaning, but equally important the health of our drivers. As Dura-Bright® wheels can be cleaned with soap and water, our drivers, who take care of the cleaning of the vehicles themselves, do not need to use acids. An additional benefit is we do not have to buy special cleaning products for our aluminium wheels."

More wheel sizes available in Dura-Bright® soon

Due to the increasing success of Dura-Bright® wheels, Alcoa has decided to offer all wheel sizes in this finish during the course of 2008. Timing is as follows:

| <u>Size</u> | <u>Part nos.</u> | <u>Available for ordering as from</u> | | | |
|--------------|------------------|---------------------------------------|--------------|----------|---------------------|
| 19.5 x 7.50 | 773473DB | July 2008 | | | |
| | 773463DB | July 2008 | | | |
| | 773453DB | July 2008 | | | |
| 19.5 x 8.25 | 783473DB | July 2008 | | | |
| | 783463DB | July 2008 | | | |
| | 783453DB | July 2008 | | | |
| 22.5 x 13.00 | 833532DB | September 2008 | | | |
| 19.5 x 14.00 | 743402DB | October 2008 | | | |
| 22.5 x 14.00 | 841512DB | October 2008 | | | |
| 22.5 x 7.50 | 874523DB | November 2008 | | | |
| | 874513DB | November 2008 | | | |
| 22.5 x 17.00 | 842512DB | November 2008 | 17.5 x 6.75 | 660823DB | end 2008/early 2009 |
| | 840522DB | November 2008 | 17.5 x 6.00 | 663203DB | end 2008/early 2009 |
| | 840512DB | November 2008 | 22.5 x 15.00 | 850521DB | end 2008/early 2009 |



Dutch company Wierks one of the first to order the new 22.5 x 15.00 Alcoa wheels

Driving school Wierks was founded in 1966 by the mother of the present owner Lex Wierks. In 42 years the company has grown to a well known driving school with 45 employees. Besides passenger cars, mini vans, motor cycles and a touring car, they also have 8 commercial vehicles in various combinations, amongst which an LHV (25.5 m long vehicle).



The brand new vehicle consists of a DAF XF105.460 truck with a 3-axle curtain sider and a dolly. The complete combination is on Alcoa wheels, including the new 22.5 x 15.00 wheels mounted on the dolly.

Since a couple of years, all new trucks and trailers ordered by driving school Wierks are specified on Alcoa mirror polished wheels, in order to improve the looks of the vehicles. Image is very important to Wierks, as their vehicles are the company's visit card. When visiting Lex Wierks, he stated:

"Since 42 years our driving school is a guarantee for good driving skill courses. The bright coloured truck/trailer combinations are well noticed and recognized in the Dordrecht area. Image is important to us, and that includes good looking aluminium wheels from Alcoa. Why Alcoa? Because they are the best known supplier of aluminium wheels. The very high quality of these forged aluminium wheels is something we can relate to, because our driving school stands for quality. According to me, Alcoa wheels are the finishing touch on every truck and trailer. That is why we mount them on all our commercial vehicles."

Alcoa wheels selected as exclusive wheel supplier to super-exotic Lamborghini Murcielago Reventòn

In September 2007 Lamborghini launched its most exotic car to date. Priced at around €1m the Lamborghini Reventòn is truly one of the most prestigious cars ever to be launched. Lamborghini wanted the best wheels the industry could offer but they wanted them in record time due to the very short development time allowed by this programme.



Alcoa's quick to market processes, flexibility and industry-leading manufacturing expertise allowed rapid launch of this very complex and unique wheel programme. The result is a beautiful car with stunning wheels. All wheels are engraved with "Alcoa Forged" to further enhance their desirability and the exclusivity of the car. It is rare to have such engravings in the wheel which highlights Lamborghini's desire to offer their customers something new.

The wheels are finished in Lamborghini Bright Black paint and fitted with carbon fiber "winglets" to complement the overall appearance of the wheel.

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