



Quality Replacement Turbocharger Parts

ISSUE ONE

news review

Welcome to this first issue of the Melett Newsletter

Melett are your independent supplier of quality turbo replacement parts for the Aftermarket.



Melett's aim is simple – we are here to help the turbo reconditioning industry to keep reconditioning. We believe that unless a turbo has been damaged beyond serviceable limits, it should be possible to obtain all repair parts at a reasonable price to effect a quality repair. Melett offers a comprehensive range of high quality replacement turbo parts which are a genuine alternative to the original equipment. Our standard range is comprehensive and already covers many turbo models originally produced by Garrett, Holset, Borg Warner (KKK & Schwitzer), Mitsubishi, Toyota, Komatsu and Hitachi. In addition to this standard range, we also concentrate on the manufacture and supply of the following products.

- parts not available from the original equipment manufacturer e.g. Toyota, MHI, Hitachi
- parts that are available from the OE source but priced too high making reconditioning with genuine parts uneconomical e.g. Komatsu, Caterpillar, Cummins
- parts that have been made obsolete and are no longer supported by the OEM. e.g. 3LD, Cummins T-style, 4MD/4HD
- Melett carries a comprehensive range of oversize journal bearings and piston rings allowing the recovery of bearing housings and shafts.

We currently export our products to over 65 different countries around the World.

NEW CATERPILLAR RANGE AVAILABLE



Melett are pleased to announce the launch of our new Caterpillar programme. A new range of replacement Caterpillar parts covering T12, T18, T18A, TV61/71/72/75/78/81, TV91/94 and many other models are now in stock and available at competitive prices. The range covers piece parts (shafts, comp wheels, housings), CHRA and complete turbochargers. Included within this range are many turbine housings and compressor covers that are still exclusive to Caterpillar, so you can now recondition CAT turbos using quality Melett replacement parts.

A full list of these parts including OE and CAT cross reference numbers is available as a separate catalogue supplement. Visit www.melett.com or call our sales department for a full details.

FEATURED IN THIS ISSUE



KEEPING THE OLD TURBOS ALIVE



MELETT & TURBO FACTORY JOIN FORCES



MELETT CATALOGUE CD Version 2.0



MEET THE TEAM Melett Grows with the

Keeping the old Turbos Alive

Many customers haven't seen a 3LD turbo or Cummins T style turbo for years – for other customers, these are still common. 'OE aftermarket departments are forced to obsolete the oldest turbo models once demand drops below profitable levels – that's where we specialise' says Chris Littlewood, Sales Manager 'We are proud of the support we still offer for these old turbo models. For example, we have recently manufactured a new batch of the old Rotomaster universal 3LD bearing housing. We receive some great comments from customers who have searched everywhere and then find the parts are not only ex-stock from Melett but are still at good prices!'



Melett and Turbo Factory Join forces for improved service



Melett and Turbo Factory have been working closely for many years supplying turbine housings to the aftermarket. The range of housings available has been growing steadily and now covers an impressive number of applications. To enhance the services available, Melett and Turbo Factory have recently entered into a joint agreement which will see Turbo Factory concentrate on manufacture and Melett concentrate on sales and distribution of the parts, with Engineers from both companies working together on new product development. The benefits will be increased availability of parts from stock, the ability to combine shipments from both companies and a better price for the products available. Melett have released a new data sheet for Turbine Housings as a catalogue supplement. Please contact Melett Sales for your copy.

GT15-25 REPAIR PARTS

Melett now stocks the full range of common repair parts for the GT15-25. These parts are manufactured from high quality materials to match OE levels of quality. 'Customers like to buy the individual parts and combine them with the left-over parts from using the OE kits' says Kulsum. The GT parts are also available in a good range of repair kits that cover the three main thrust setups and also a full kit containing parts for all thrust options.



Melett - Supplying the Skilled Aftermarket

The turbocharger is a fascinating piece of Engineering capable of spinning at well over 200,000 rpm whilst enduring extreme temperatures. No other part of the engine has to cope with such extreme conditions – it is a tribute to the Mechanical Engineers who create the designs in the first place. In the last decade, turbo development has come a long way with the introduction of the VNT turbo and also the use of new materials which allow the Engineers to push further the limits of each design. Recognition of today's achievements allows Melett to produce high quality parts for tomorrow's aftermarket.

The Turbocharger reconditioning industry places high demands upon parts suppliers like Melett. Where else do you find workshops capable of measuring to these levels of accuracy – grinding shafts and piston ring grooves to 0.005"/0.025mm, honing bearing housing bores and identifying shafts with the slightest of bends? Melett recognises that turbo reconditioning workshops are capable of making repairs and need the parts at an economical price to remain competitive. With huge growth in the demand for turbocharged vehicles, it is little surprise that the OE's cannot devote enough supply to the aftermarket. Melett are working hard to fill the gaps with high quality products you can rely on.

Melett New Online Catalogue

We are pleased to have received so many positive comments after the release of our new catalogue earlier this year. As product development happens continuously, keeping all customers catalogues up to date is a difficult task so we have now made the full catalogue available online. Go to www.melett.com and click Online Catalogue. These catalogue files are updated on a weekly basis to ensure our most current product offering is only ever a click away. For the very latest releases, visit the Latest Releases page.



Melett CD Catalogue Launching at the Automechanika 2004 Show

Launching at the Automechanika 2004 Show, you can now install our latest catalogue onto your own computer. The software allows you to view our catalogue sections through simple menus and even allows you to link directly to our website to ensure that you always work with the latest available catalogue files. Email sales@melett.com for your FREE copy.



TF035 Shaft and Wheels

Throughout 2003, we received many requests from customers to produce the TF035-HM shaft and wheel. After several months in development, we are pleased to announce that this shaft is now in stock. The shaft fits most popular TF035 applications including the Mitsubishi L200, Challenger, Canter, Iveco Daily and many more. For a full applications list with OE numbers and 'Where Used' List, please see the Melett catalogue. This shaft compliments our existing range of Mitsubishi shaft and wheels for the TD04 turbo to fit TD04 Standard (Pajero, BMW etc) and TD04H & TD04HL (Volvo).



EXPORTING TO CHINA

Defying convention in the Western world, Melett exports many high quality turbo parts into China for their domestic market – when repairing high precision machinery, 'cheap as chips' isn't always cheerful!!

New Komatsu Parts

Our Komatsu kits are becoming increasingly popular. We currently cover the models KTR110A, KTR110G & KTR130. We are now pleased to announce the launch of our new Komatsu KTR110G Shaft and Wheel. This shaft fits turbo 6505-11-3120 and is available Ex-stock from Melett.



New Product Bulletin Service

Keeping up with what's required in the aftermarket requires continuous product development.... And your help! Our development programme is driven by our customers requests. It is your continuous feedback which enables us to produce the parts you need. In return, we keep all customers informed of our latest releases through our monthly Parts Bulletin service. To receive this monthly bulletin (by fax or email), please contact Melett Sales.

Meet the Melett Team

Ian Warhurst – Managing Director

Ian joined Melett as the new owner in 2002 after the untimely loss of founder Melvyn Hackett (ex-Rotomaster and ex-Garrett). Ian is a Chartered Mechanical Engineer and member of the Institution of Mechanical Engineers.

'When I first became involved with Melett, it didn't take me long to realise the great potential of the company' says Ian 'All the products are produced to very high quality and the staff provide a great personal service with excellent technical backup. We have spent the past 2 years updating the catalogue and bringing out an impressive list of new parts. With nothing but growth ahead for the industry, these are exciting times!'

Chris Littlewood – Sales

Chris joined Melett after being a customer for many years. Chris's career started with Holset, working initially in R&D and then moving to Export Sales. Chris left Holset with a colleague to set up their own reconditioning workshop 'SCM Turbomotive' which has grown to be one of the UK's leading turbo reconditioning workshops. Chris has gained a wealth of knowledge for turbo reconditioning and is always available to offer advice when required.

Congratulations go to Chris who has just become a Grandad (and he's not even old)!! Sebastian was born on July 28th to proud parents Chris and Emily.

Mark Tindall – Development Engineer

Mark joined Melett earlier this year to take over the position of Development Engineer from retiring Dave Etchells. Mark is a qualified Engineer with 24 years of experience working with high tolerance component manufacture and has recently received the latest geometric tolerance training from Ford. Mark is responsible for maintaining our proud reputation for high quality parts and performs visual and dimensional checks on all incoming shipments.

Kulsum Darwan – Sales

Kulsum has been with Melett for over 5 years. Initially responsible for sales administration and shipping, she is now involved more in answering sales enquires and quotes. Over the years, she has developed an incredible ability to recognise and number any turbo part from up to 3 metres away!! If it's available from Melett, Kulsum will tell you all about it.

Dave Etchells – Engineering Consultant

Dave spent almost his whole working life in the turbo industry starting in the 1960's working for Holset in the R&D department and then sales department. After Holset, he spent around 15 years in the turbo reconditioning industry and joined Melett in 1998 as Development Engineer. Dave retired from his full time role in April and now acts as a consultant to assist Mark when necessary. He spends as much time as possible sailing his boat 'Jemima' and often calls in for a coffee to show off his new sun tan!

Robin Newall – Export Shipping

Robin takes care of packing and shipping at Melett after spending 20 years working for Holset in their export shipping department looking after export documentation. Understandably, Robin knows how to make sure the goods get to the customers with minimum interference from customs.

Liz Tebble – Accounts

Liz has worked for Melett for 8 years looking after the accounts. If you need her, she is usually in on a Tuesday or Wednesday. Liz keeps us all on our toes chasing the paperwork to keep everything neat and organised.



Ian Warhurst



Chris



Mark Tindall



Kulsum Darwan



Dave Etchells



Robin Newall



Liz Tebble

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