

Diecasting Society NATIONAL GOLF DAY 2024

After all the rain during the week the Gods shone down on us for The Diecasting Society National Golf Day, which was held on Friday 6th September at Moor Hall Golf Club, Sutton Coldfield, writes Annie Gough. The weather was warm and dry and the sun shone. It looked like it was going to be a good day for golf.

In total 24 golfers – comprising DCS members and their guests – commenced the day with bacon sandwiches and coffee before the players set off for the 11-hole morning warm-up.

The competitive field raced through the fairways, soaking up the atmosphere, culminating in the morning event being won by David Rowbottom.

After lunch additional members joined in the proceedings, with 32 golfers now competing in the afternoon session. The tee off for the main tournament, an 18-hole individual Stableford Competition, was 1pm.

The golfers found the course enjoyable and challenging and returned late afternoon for a well earned pint.

The sponsors for the day, Coleshill Aluminium, joined all the golfers for an excellent dinner. After dinner, Andrew Evans, managing director of Coleshill Aluminium presented the prizes to the successful competitors.

The prizes were as follows:

Longest Drive – Eben Havekon

Nearest the Pin – Eben Havekon

Morning Event – 11 hole

1st – David Rowbottom

2nd – Brian Pinches

Afternoon Event – 18 hole – Stableford

1st and trophy winner – Jon Hickman – 39 points

2nd David Rowbottom – 35 points

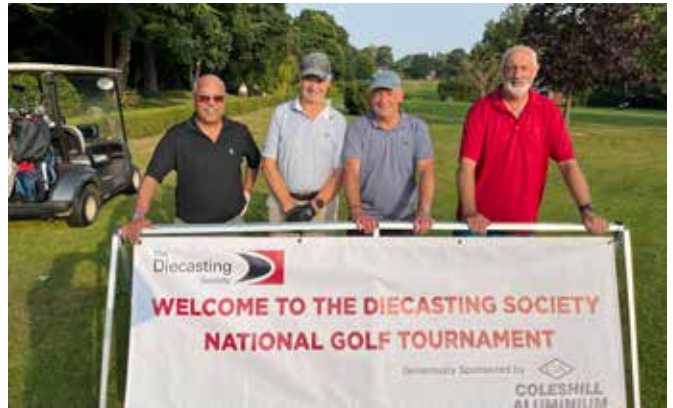
3rd Mike Dines – 35 points

4th Andy Powell – 33 points

5th Rudi Hercik – 32 points

6th Dave Brown – 31 points

The Diecasting Society thanks Coleshill Aluminium for their generous sponsorship of this event. Coleshill Aluminium has supported and sponsored this event for the last eighteen years for which we are very grateful, especially for enabling Warren to organise the event.



Pankaj Wara, David Rowbottom, Chris Powley, Russell Creasey

As always, Moor Hall Golf Club provided an excellent course for the competition, the grounds looked magnificent and the staff took care of everyone on the day.

We thank David Rowbottom again this year for the unenviable job of scoring the cards for the competition.

Finally, we thank ICME and Annie Gough for all their hard work behind the scenes in the organisation of this very successful event.

Coleshill Aluminium has agreed to sponsor again the 2025 event, which is booked for Friday 5th September 2025 at Moor Hall Golf Club. Well done and thank you Coleshill.

The Diecasting Society Encouragement Award

This year an *Encouragement Award* was instigated for players with a 24 Handicap. This involved nine golfers and was won by Pankaj Wara (Warren) of Coleshill Aluminium – honestly no fix involved!!



Andrew Evans and Pankaj Wara, Coleshill Aluminium



Andrew Evans, Coleshill Aluminium, with trophy winner Jon Hickman, HCM Engineering



Morning Event winner David Rowbottom

Revolutionising sustainable vehicle manufacturing

Altair (software partner of DCS member Origin Engineering Projects) joins Aston Martin and Sarginsons in £5.8 million performance integrated vehicle optimisation technology (PIVOT) project to revolutionise sustainable vehicle manufacturing.

Altair's AI powered engineering technology will drive the development of one hundred per cent recycled cast aluminium structures that weigh up to thirty per cent less and feature ninety five per cent less embedded carbon emissions.

Altair, a global leader in computational intelligence, has announced its involvement in the PIVOT project, supported by Innovate UK and the Advanced Propulsion Centre (APC). The project aims to revolutionise vehicle manufacturing by creating lighter, more sustainable components, thanks to Altair's cutting edge artificial intelligence (AI) and simulation capabilities.

Led by Sarginsons Industries, the PIVOT project brings together key partners including Altair, Aston Martin, Brunel University London, and metal recycling experts GESCRAPE. The initiative will develop innovative software that combines casting simulation, topology optimisation, and AI, which will enable organisations to design components optimised for weight, structural performance, and manufacturability. These breakthroughs will result in cast aluminium structures that are up to thirty per cent lighter while maintaining performance requirements.

"This collaboration demonstrates how our AI powered engineering technology enables manufacturers to develop more efficient vehicle components, cutting down on weight and drastically reducing environmental impact," said Sam Mahalingam, chief technical officer, Altair. "We are proud to work with like minded organisations to showcase how innovations in manufacturing contribute to a more sustainable automotive future."

Funded in part by a £2.9 million government grant from Innovate UK and APC, the PIVOT project will focus on using one hundred per cent recycled aluminium to reduce embedded carbon emissions in vehicle components by up to ninety five per cent. By overcoming mechanical weaknesses inherent in recycled aluminium through advanced grain refinement techniques developed by Brunel University London, PIVOT will make it possible to use secondary alloys for cast structural applications such as vehicle chassis systems.

"PIVOT represents a huge step forward for the casting industry," said Mark Nunan, managing director, Sarginsons Industries. "With Altair's state-of-the-art technology, we



are pushing the boundaries of what's possible, creating components that are not only lighter and stronger but also significantly greener."

The PIVOT project will serve as a showcase for how AI, recycled materials, and advanced casting processes can reshape vehicle manufacturing while reducing environmental footprint. The project is expected to deliver critical advancements in the coming years, enabling OEMs and foundries to adopt more efficient and sustainable production methods.

For more information about Innovate UK and the APC's initiatives, visit: www.apcuk.co.uk/news-events/news/new-59-million-investment-for-uk-green-vehicle-production/

The Diecasting Society thanks members for their support over the past year and we look forward to 2025 with optimism.

DCS visit to JW Evans Silver factory

The DCS is organising a visit to the JW Evans Silver factory in the Jewellery Quarter, Birmingham on Tuesday 11th February 2025, which will include a guided tour of the facility.

Established in 1881, JW Evans is one of the most complete surviving historic factories in Birmingham's historic Jewellery Quarter. The workshops retain their original drop stamps and fly presses. They are packed with thousands of dies for the manufacture of silverware, as well as the whole of the working equipment, stock and records of the business.

The price of attendance is to be confirmed as are more details. Watch this space.

CALENDAR OF EVENTS 2025

The following events are planned for next year.

Tuesday 11th February
Guided tour of JW Evans Silver
 DCS Member cost: TBC

For more details and updates on events visit:
www.dcs.org.uk



Join the Diecasting Society

Membership is open to both individuals and companies who have an interest in the manufacture of die cast metal products. That interest might be as a foundry or a supplier to a foundry.

Each member receives the *Diecasting Society Newsletter*, and reduced rate attendance at all the Society events, both technical and social. Annual membership is £45.00 for an individual member and £235.00 for companies (which includes four reduced rate places for named employees at the company). The cost for a student or trainee is just £8.50.

To start enjoying the benefits of membership email: dcs@icme.org.uk or visit www.dcsoc.org.uk

DCS Website

The DCS website has been updated. DCS members are invited to submit entries to the website, news items etc. to populate it by emailing: dcs@icme.org.uk