

Ductile Iron Society Production Seminar

Partnered with the AFS North Mexico Chapter

December 1, 2011

The Ductile Iron Society held its first ever Ductile Iron Production Seminar in Saltillo, Mexico from November 29 to December 1, 2011.

This was done in partnership with the AFS North Mexico Chapter. The turn-out was outstanding; as they had 60 attend the seminar. A huge thanks goes out to Patricio Gil and his assistants from Blackhawk de Mexico foundry in Monterrey, Mexico for making all the arrangements. Thanks also to the instructors who were James Wood of the DIS, Al Alagarsamy consultant, Gene Muratore of Rio Tinto, and Fred Linebarger of Miller & Company.



L-R Jim Wood, Al Alagarsamy, Gene Muratore, Fred Linebarger

This seminar was spread over two days covering a vast area of the Ductile Iron Production. As a treat at the end, attendees were allowed to bring examples of castings with defects into the room so that the panel of experts could discuss with the audience.



Some of these castings ranged from 1 pound to castings weighing so much as a couple hundred pounds.

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At the end the attendees went outside for this group picture.



The DIS hopes to offer a similar seminar again in the future to our friends in the foundry industry to our south.

Jim Wood

DIS Executive Director



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DIS 2012 Production Seminar

February 22, 2012

The Ductile Iron Society held its annual Production Seminar from February 21 and 22, 2012 at the Holiday Inn in Rolling Meadows, Illinois.



This year was the largest turn-out for the seminar in years. It may have been the largest in its history, as we had 52 registrants. The DIS Foundry Members were well represented as we had 20 different foundries in attendance. There were also 7 different Associate Member companies in attendance. We would like to thank our instructors who were Kathy Hayrynen of Applied Process, Gene Muratore of Rio Tinto, and Fred Linebarger of Miller & Company.

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Instructor Kathy Hayrynen



Instructor Gene Muratore



Instructor Fred Linebarger

This year we added a new section and extended the seminar for an extra half day and added Defect Analysis. Thanks to Don Craig of Selee Corporation for offering his services as our instructor



Instructor Don Craig

Once again we will be offering the Seminar in late February or early March 2013. Please check the DIS website at www.ductile.org for more information. Please check the calendar link on the website for more updates and schedules.

Jim Wood
DIS Executive Director



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DIS/AFS Casting Congress Columbus, Ohio

April 20, 2012

The Ductile Iron Society was in attendance with a booth, during this year's AFS Casting Congress in Columbus, Ohio. This year's Congress had an outstanding attendance from April 17 to 20, 2012 and the DIS booth was very busy.



Jeff Hall of Benton Foundry and our DIS Member Services Committee Chairman and his fellow committee members ordered our first booth so that we could display. Along with the volunteer help of Jeff to man the booth, we would also like to thank Prem Mohla and many other DIS members who stopped by and helped. Yours truly was also there manning the booth.

Within the first hour, we had four ductile iron consumers looking for our assistance in sourcing a producer of ductile iron castings. We recommended them to our own DIS foundry members. In our booth, for those who did not attend, we have a handout that has all of our

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members listed on it along with the DIS website, www.ductile.org. We hoped that in the end, our visitors were connected with a ductile Iron foundry. The theme of “who can we get to produce ductile iron castings for us” seemed to be the common phrase in the booth. We also had a few ductile iron design engineers stop by for ductile iron information. This is where our own Ductile Iron Data CD is a useful handout. We also told them that it is always available on the DIS website. We are currently looking into updating the handbook so there will be more information coming soon.

This show was so successful in our minds, that we are already making plans for Cast Expo April 6-9, 2013 in St. Louis, MO.

Keep in touch with the Ductile Iron Society website under the Calendar link to see where our booth will show up next. The Ductile Iron Marketing Group (DIMG) has already committed to exhibiting at this year’s Mining Show in Las Vegas in September.

Jim Wood

DIS Executive Director

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2012 Agricultural Machinery Conference

May 25, 2012

The commitment and effort of Henry Frear, Gene Muratore and Chris Witt in staffing the DIS booth at the AMC conference earlier this month was greatly appreciated. It is recognized that investing time to educate the casting user community is a choice that takes time away from normal work duties. In this environment, time is a valuable asset. The dedication of Henry, Gene, Chris and the support of their employers is commendable. **Thank you very much!**

The Agricultural Machinery Conference:

Background

This conference is an annual event that is largely supported and organized by Caterpillar, John Deere and Kumatsu. As the name suggests, the focus is on the farming community. The event consisted of continuing education sessions, a variety of topical presentations and an exposition. There continues to be numerous product and service changes in the agricultural industry and the attendees at the AMC conference were largely composed of engineers and buyers involved with these changes.

The May 7-9th conference was very professionally planned and conducted. The event was held at the "Five Sullivan Brothers" convention center in downtown Waterloo, Iowa. The accommodations and staff were extremely cooperative and helpful. The exposition fee was modest (\$550) and included passes and breakfast for all exhibitors. The cost of luncheons for each day was a slight up charge and well worth the money.

The Event

The exposition area nicely accommodated the 61 exhibitors and provided a large area for the breakfast presentations. The exhibitors were from various manufacturers and service providers to the farm industry. The DIS

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was unique in representing ductile and compacted iron castings

The conference began each day with a breakfast and breakfast speaker. Continuing education seminars were offered on May 7th and technical sessions were offered on May 8 and 9th concurrent to the exposition. The subject matter of these sessions was varied but all focused on engineering, product advancements and interest of the agricultural industry.



From left, John Lewensky of Pure Power Technologies & Henry Frear of Applied Process

Attendance in terms of overall numbers was advertised to be 500 people. Not a large number but composed of key designers and decision makers. The interest in the DIS booth was relatively favorable. Visitors came mostly in waves between the technical sessions. Overall, there was good interest in visiting the DIS booth and the attendees ranged from no casting knowledge to experts (One Sauer-Danfoss engineer commented that he regularly consults the DIS website for technical information). Meaningful discussions were engaged and several pieces of compacted graphite and ductile iron literature were disseminated.

Future Assessment

Considering the cost and relevant attendees, my personal opinion would support exhibiting at next year's show provided that we can get DIS

support to staff the booth and participate in conducting a continuing education course (2 to 4 hours) and/or technical presentation(s). Interest has already been communicated from the AMC planning committee for this level of participation.

John Lewensky – Ductile Iron Marketing Group Chairman
Pure Power Technologies Metalcastings Group



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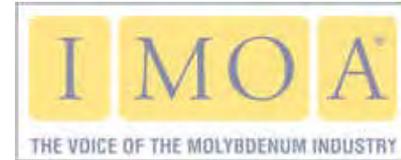
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NEWS RELEASE

6th June 2012

MOLYBDENUM USE AND PRODUCTION AT AN ALL-TIME HIGH

Global use of molybdenum reached a new record high of 537.1 million lbs in 2011. Full-year figures from the International Molybdenum Association (IMO A) also show global production at a new record of 534.6 million lbs for the year.

The greatest usage of molybdenum in 2011 was recorded in China, where use increased from 148.5 million lbs in 2010 to 168.0 million lbs in 2011. Europe recorded the second biggest share with 133 million lbs, up from 113.9 million lbs in 2010. The USA and Japan were the third and fourth largest users of molybdenum accounting for 76.7 and 60.8 million lbs respectively.

North America remained the biggest molybdenum producing area in 2011, with production increasing to 183.1 million lbs. Production in China rose to 177.0 million lbs. South America was the third largest region, accounting for 129.7 million lbs in 2011, with other molybdenum producing regions contributing 44.8 million lbs.

New figures for the fourth quarter of 2011, also released, saw China's molybdenum production rise fractionally from 47.1 in the third quarter of 2011 to 47.4 million lbs in Q4. The same quarter saw North American production fall from 45.9 in Q3 to 39.4 million lbs in Q4, with production in South America rising from 31.9 in Q3 to 32.1 million lbs in Q4.

China used 44.5 million lbs in Q4 compared with 31.7 million lbs in Europe. The USA and Japan used 18.3 and 15.0 million lbs respectively.

Tim Outteridge, IMO A's Secretary-General, commented: "In terms of both production and use, 2011 was another record-breaking year for molybdenum."

IMO A is a non-profit trade association representing the interests of most of the world's molybdenum producers and converters, as well as consumers and traders. IMO A releases quarterly and full-year statistics as part of the services

it provides to its members.

Molybdenum is added to steels and cast irons to improve strength, toughness, hardenability and weldability for numerous applications in the automotive, shipbuilding, construction, mining, chemical, oil & gas and energy generation industries.

In stainless steels and superalloys, it improves corrosion resistance and high-temperature performance and finds uses in many industrial applications. It is also used in a variety of products from catalysts and lubricants to pigments and paint.

Issued on behalf of IMOA by Stratia Ltd
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