



» March 2012

Brand New Ads for RTMP

**From Ore To Powder,
To Meet Your Requirements!**



Rio Tinto Metal Powders will appear soon in different medias of the PM industry with a new promotional campaign: *From Ore To Powder, To Meet Your Requirements!*

The basis for this campaign is RTMP's unique way of producing powders: entirely sourced from low residual ore to meet our customers needs. Hope you like it as much as we do!

Powder Team Meeting 2012



At the beginning of each year, RTMP organizes a gathering event for all persons involved in the powder business (Sales & Marketing, Operations, R&D, Credit, Logistics, etc) called the Powder Team Meeting.

Designed to make sure we are all aligned to meet the needs of the customers and be successful as an overall business, the event takes place in our headquarters in Sorel-Tracy, Quebec.

During this year's event, from January 10th to 12th, 2012 more than 50 interactive presentations were given on different subjects. All meetings and presentations were very interesting for attendees and proved to be a valuable learning experience for all. By gaining a better understanding of the challenges and issues the different sectors of the powder team face, we can ensure that we are all working together in the same direction for our customers around the world.

**PM-12 Conference & Exhibition in
Mumbai, India - February 2-4, 2012**



Rajeev Sherry, Swati Mehendale & Philippe François

The Int'l Conference and Exhibition PM-12, organized by the Powder Metallurgy Association of India (PMAI), was held February 2nd to 4th, 2012 in Mumbai, India. Rio Tinto Metal Powders was there to kick off its new booth and distribute its new PM products brochure. Two presentations were made by RTMP Principal Scientist, Mr. François Chagnon: one on **IRON POWDERS FOR LOW DENSITY APPLICATIONS** and another one on **EFFECT OF POST-SINTERING COOLING RATE ON FD-0400, FD-0405 AND FD-0408 PM**



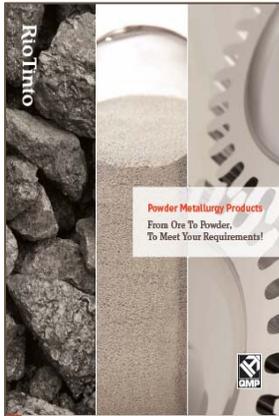


» March 2012

STEEL MATERIALS. During the conference closing session, Greg Lavallee, RTMP General Manager announced the winners of the Best PM Products Award and gave the closing speech.

RTMP is pleased with its participation in the PM-12 and with this edition of the customer bulletin, we want to thank those of you who visited us during the show.

A Brand New PM Technical Products Brochure for RTMP



The brand new RTMP Powder Metallurgy Products brochure is ready for distribution. It includes updated information about our principal PM grades and much more.

Ask your regional representative for a copy.

About RTMP PM Technology

In 2010, Rio Tinto Metal Powders introduced ATOMET 22, a new low density iron powder grade with excellent green strength at low density and dimensional change behavior close to that of conventional sponge iron powder. Engineering work was undertaken and dedicated equipment installed to ensure the consistent commercial scale production of this grade to customer specifications. Related equipment was commissioned in the first half of 2011.

In 2011, R&D activities were undertaken to develop new polymeric lubricants for

different types of applications. Clearly, the objective is to develop commercially available lubricant systems with improved performance relative to conventional products. New lubricant systems for high density applications were developed and are currently under final validation. We plan to launch this product to the market by the end of 2012.

Other lubricant systems are under development for conventional applications with difficult ejection conditions (high aspect ratio or complex parts). Different lubricant systems were characterized under industrial conditions and certain formulations proved to be quite promising, as they resulted in very low ejection forces. R&D efforts are still required to finalize the development and optimization of these new lubricant systems. Product validation under industrial conditions will begin in 2012 and we expect to launch the resulting lubricating system in 2013.

PowderMET2012 in Nashville, TN, USA – June 10-13, 2012



The annual MPIF International Conference on Powder Metallurgy & Particulate Materials will be held in June 2012 in Nashville, TN. As usual, RTMP will participate actively. We will welcome guests in a brand new booth linked to our revitalized promotional campaign, with updated PM Products Brochure and our R&D team will present interesting papers. We look forward to your visit to our booth #210.

RioTinto Metal Powders
A Committed Long Term Global Business & Technical Partner

