

The "Land & Sea Transportation" market: leveraging the Eramet Alloys product offer to penetrate this demanding market

Despite the current difficult economic context and the fact that transportation is one of the most competitive industries, there are key business opportunities to defend or seize for Eramet Alloys as a whole, as internal combustion engines will still be the major powertrain technology for the decades to come.

On the one hand, there are big volumes of market standard high alloyed grades to fill our rolling mills and contribute to the economy of the company. Typical examples are austenitic valve steels such as X21RC or our innovative exhaust valve grade X26RC, and construction or case hardening steels for Diesel Injection Systems such as MMR1PC, or FND. Another example is M50 for rotary Diesel pumps cam-rings or bars for injector needle/ pistons for Diesel injectors, all in high-speed steel grades produced by Erasteel, world leader in HSS for automotive applications.

On the other hand, the constantly harder demands on emissions have triggered many technical developments requiring materials that better withstand high temperatures, high pressures and more abrasive or corrosive conditions. Eramet Alloys high value grades such as X15TN or the ASP series, as well as advanced product forms such as near-net shaped hipped part blanks or continuously heat-treated bars, are very well positioned to supply solutions for specific and crucial durability issues.

Our focus is mainly injection systems, market in which Eramet Alloys has had since many years a strong position and reputation, but also emerging technologies that will be included in tomorrow's engines.

As an example, ASP^R grades allow to resist the huge pressures and tightness requirements of future high pressure truck injectors while X15TN is already a worldwide success for flex-fuel operation, confirming Eramet Alloys can be a key actor for tomorrow's greener mobility.

This 6-page brochure is our identity card in this market. It will help us strengthen Aubert & Duval and Erasteel's image and promote our companies towards new actors of this industry.

You will find, attached, a .pdf version of the brochure, for your own use/reference only. Customers' copies can be ordered at the following e-mail address documentation-ad@eramet-aubertduval.com.

Jean-Philippe Planchon

PS. This brochure is obviously not aimed at the Motorsport market.