

Expanite/MAN Diesel

From “Expanite” a supplier of a “super duper” stainless steel hardening technology we have this press release; **May 9, 2018**

“MAN Diesel & Turbo’s newest generation of gasdriven engines already plays a key role in the sector’s fuel conversion from oil to alternative energy. When developing the engine, Expanite and MAN Diesel & Turbo collaborated in solving the installation of their gas injection valve in the engine. An important part of the solution came from Expanite – a surface hardening technology that makes stainless steel extremely wear and corrosion resistant.

Per Brandt, manager at MAN Diesel & Turbo, says: “Originally, we had specified a chrome plating in our cylinder cap for mounting our gas injection valve, but it could not always stay tight as there were high requirements for chrome surface quality. We tried unsuccessfully with different solutions. Fortunately, someone had heard about Expanite’s surface hardening, and although stainless steel is usually softer than chrome surface, it turned out to be the solution. A design change coupled with Expanite’s hardening technology solved our challenge. In cooperation with Expanite we relatively quickly found a hardening that made our surface resistant against scratches and corrosion. The solution passed our test in service where the system remained sealed and tight and in addition the solution was also easy and cost efficient to implement.”



Heat Treat Industry Interviews

An interview yesterday with Mr. Geoffrey Somary of furnace manufacturer Ipsen leads us to “blow our own horn” a little. Without a shadow of a doubt there is no other source in the industry which has done as many interviews as “The Monty” and these can be found at <https://www.themonty.com/interviews/> In this section you will find interviews from the past and current CEO’s of “Bodycote” the world’s largest commercial heat treater, “Bill Gornicki” of “ALD”, Gunther Braus from “Dibalog”, Damian Bratcher of “SSI” and over 50 other individuals all well known in the heat treating industry. If you would like to be interviewed for “The Monty” please let us know. **May 9, 2018**
