



MGF COMPRESSORS SRL, ABBIATEGRASSO, ITALY

Compressor Manufacturer Finds Solution With Petro-Canada's COMPRO™ XL-S Compressor Fluid

"Our compressors are known to be very quiet, effective and reliable, thanks to our excellent technical service, but also to the excellent product design of Petro-Canada's COMPRO XL-S 46."

– Gabriele Fiani, Technical Manager, MGF Compressors SRL



MGF Compressors SRL, Abbiategrasso, Italy

MGF Compressors, located in Abbiategrasso, Italy, near Milan, manufactures a complete range of screw compressors, ranging from 2 to 110 kW.

The new model RCS is the result of a research project that resulted in a family of very low noise screw compressors, with no compromise in quality or reliability. This new, unique line of screw compressors instantly created a market leader in quality, reliability and silent operations. It's the outcome of more than 20 years of MGF technical knowledge, creativity, research and development.

To achieve these breakthroughs, MGF studied each compressor component with fresh eyes. Special attention was paid to developing the next generation of screw compressor. The increased power output of this new design required a lubricant that could manage heavier loads.



The Test

"We have reviewed many different kinds of lubricants available on the market," says Gabriele Fiani, MGF's Technical Manager. "We did this in order to find the best products for our needs and to evaluate the products on the market used by our competitors."

Working with both Petro-Canada Europe and their distributor, Emanuele Mascherpa SPA, Gabriele assessed several different products. Based on MGF's requirements, Petro-Canada's COMPRO XL-S 46 proved to be the best compressor fluid for the application.

Petro-Canada's COMPRO XL-S Compressor Fluid is a premium quality lubricant specifically designed to extend fluid service life in rotary screw air compressor applications. With excellent resistance to oxidative breakdown, COMPRO XL-S can provide up to 8,000 hours or one year of continuous service (85°C discharge temperature).

"Our research goal was to find the best lubricant suitable for all of our compressor models that combined excellent performance and value with a minimum oil drain interval of 4,000 working hours on high-powered industrial compressors," says Gabriele. "COMPRO XL-S 46 delivered on that requirement."



The Outcome

Petro-Canada's COMPRO XL-S 46 successfully met all of the needs of MGF's customers, avoiding excessive wear, oxidation and varnish formation. Performance met the high standards set by the company. "We've increased our production range to include high-powered compressors to better meet our customers' needs, and Petro-Canada's COMPRO XL-S 46 is the perfect complement to our service requirements," says Gabriele.

The Result

It's now more than two years since MGF began using Petro-Canada's COMPRO XL-S 46 in its compressors. The transition has been so successful, MGF has created a Technical Service program that centres on the performance of COMPRO XL-S 46 in all its customers' compressors. The positive response has been verified through surveys and an increase in the preventative maintenance agreements with customers.

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The Best Fit

MGF's new RCS compressor model is known as being among the best in quality and reliability. After evaluating several different compressor fluids, it was decided that COMPRO XL-S 46 was the best fit for the application.



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