

PRESS RELEASE

Berlin – September 19th, 2018

Nikolaev Locomotive Rebuilder and Anglo Belgian Corporation sign agreement to repower TEM7 locomotive in Ukraine

Anglo Belgian Corporation (ABC) announced today that it has signed an agreement with Ukraine-based Nikolaev Locomotive Rebuilder LLC for the supply of 6DZC engine. This medium-speed diesel engine will be used to repower TEM7 diesel-electric shunting locomotive of ArcelorMittal in Ukraine.

The signing ceremony took place during InnoTrans, the leading international trade fair for transport technology which takes places every two years in Berlin.

Nikolaev Locomotive selected ABC, after a long and rigorous selection round, to supply an engine for this TEM7 diesel-electric shunting locomotive. The main selection criteria were the reliability of the engine, the purchase price, the low Life-Cycle Cost, the straightforward operation and easy maintenance of the engine. The involvement of ABC during the complete engineering of the repowered locomotive was also greatly appreciated.

ABC's 6DZC engine, replacing the existing V12 engine, generates more power (up to 2,000 HP or 1,470 kW) while offering far lower fuel and lube oil consumption and less emissions.

As an open source engine manufacturer, rather than proposing standard solutions, ABC offers the advantage of choosing flexible and customized solutions for specific requirements.

ABC's engineering department will develop, in cooperation with Nikolaev Locomotive, the necessary adaptations, making it possible to re-use the existing generator.

ABC's four-stroke 6-cylinder inline engine earned its good reputation thanks to its reliability and durability. Its robust and straightforward design makes it the ideal partner to power or repower heavy-duty shunting and mainline service locomotives.

A high swept volume, a low brake mean effective pressure (BMEP), a mechanical injection system and a heavy duty torque curve are just some of the main technical advantages of ABC's 6DZC engines. The axial-radial turbochargers' response is excellent for rail applications, allowing the engine to accelerate very quickly in severe conditions.



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About Anglo Belgian Corporation

Anglo Belgian Corporation (ABC), located in Ghent (Belgium), is a leading European manufacturer of diesel and dual-fuel medium-speed engines in the power range from 600 kW up to 10 MW.

ABC offers innovative and customized solutions for generating energy for both energy production and transport of goods in marine and railway applications. The company also offers turnkey solutions for power stations and special projects such as floating cranes, emergency generators for nuclear power plants and pump sets.

Over the past 100 years, the company has demonstrated market-leading expertise in developing and commercializing reliable medium speed diesel engines in an international environment, with 95 % of its products being exported.

Since 1960, ABC is supplying engines for shunting and mainline service locomotives. Our railway applications comprise diesel-electric and diesel-hydraulic locomotives.

With many engines running for worldwide locomotive builders and operators, the reliability, proven design and long lifetime of the ABC engines are always paramount.

Anglo Belgian Corporation offers an extensive range of cost-effective and customized solutions for individual requirements and organizations seeking to achieve competitive excellence and progressiveness in terms of emission reduction. Anglo Belgian Corporation provides thereby the reliability that one would expect from a reputable engine builder.

For more information about our products and services, visit our website: www.abc-engines.com.

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About Nikolaev Locomotive Repair Plant Ltd.

Nikolaev Locomotive Repair Plant Ltd. located in city of Nikolaev, Southern Ukraine. Overhauls diesel locomotives TGM4, TGM6, TEM2, TEM7, ChME3, M62, TE10, TE116 and industrial electric locomotives OPE1-AM.

To date, Nikolaev Locomotive Repair Plant Ltd. is the only Ukrainian company which is developer and executor of modernization projects for locomotives TGM4, TGM6, TEM2, TEM7, ChME3, M62, TE10 and TE116. The first deep modernization project with repowering was carried out in 2011.

Our customers:
Ukrzaliznytsya, Metinvest, ArcelorMittal, DTEC, Privat, InterPipe, Georgian railway, Energoatom, Nikopol Ferroalloy Plant

For more information about Nikolaev Locomotive Repair Plant Ltd., visit <http://ntrz.com.ua>.

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