



Contact Donna Mandau
Telephone Graphene Leaders Canada (GLC) Inc.
Office 1.780.984.4737
Email dmandau@glcplus.com
Website www.grapheneleaderscanada.com

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GRAPHENE LEADERS CANADA (GLC) INC.
SECURES COATINGS PARTNER TO SCALE AND COMMERCIALIZE
GLC+[®] PROTECTIVE COATING FOR METAL SURFACES

EDMONTON, AB, June 6, 2019 – Graphene Leaders Canada (GLC) Inc. today announced it has secured a partner in the coatings industry who will scale to a commercial level the GLC+[®] Protective Coating for Metal Surfaces, a premier electroless plating coating demonstrating game-changing improvements in wear-abrasion, hardness and lubricity. The partnership will enable the company to begin full-scale development of the coating for deployment to the oil and gas market.

GLC has successfully developed and patented its **ELECTROLESS PLATING OF OBJECTS WITH CARBON-BASED MATERIAL**, a disruptive proprietary graphene formulation that demonstrates **up to a 58% improvement to wear-abrasion resistance and improved lubricity and hardness relative to the standard coating**. This coating can be targeted to many exciting industries, including exceptionally high wear resistance (competitive with hard chrome), heat exchange and corrosion resistance industries exploiting the excellent fundamental properties of graphene such as barrier properties and thermal conductivity. There is increasing demand for abrasion resistant coatings in emerging markets and high demand from various applications such as oil & gas, automotive, industrial, military, marine, power generation, infrastructure, and transportation.

"GLC has conducted extensive work in the development of this state-of-the-art graphene-enhanced coatings solution," said Dr. Leah Coumont, Director of R&D. "The enormous market potential and compelling economic benefits from applying this coating derive from a unique formulation of our graphene nanomaterials into an existing alloy coating, co-depositing a small percentage of the graphene to produce a disruptive improvement in performance and the overall lifetime of products under high-wear conditions".

Extensive third-party testing has demonstrated success in the development of a first-to-market electroless coating solution that demonstrates GLC's industry-leading expertise in graphene-enhanced products and application development capabilities. GLC's partnership to scale this product into market will demonstrate a world-leading graphene application with significant market reach. "It's very rewarding to see this innovative coating technology move from the research lab to the commercial marketplace where it will demonstrate emerging technology solutions in graphene," said Donna Mandau, President & CEO of GLC.

About Graphene Leaders Canada Inc.

Graphene Leaders Canada (GLC) Inc. is a Canadian technology company producing high quality, high purity graphene nanomaterials which function as a platform technology with the ability to add value across numerous applications. GLC is focused to work with industry to develop solutions by integrating the graphene to develop new innovative products. Graphene Leaders Canada Inc. is focused in the environment-water and coatings markets. GLC's tag line is "**Making Great Products Even Greater**".

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If you would like more information about this topic, please contact Donna Mandau at solutions@glcplus.com.