

Banlaw LubeCentral™ Grease Transfer Couplings

A world-first innovation in grease transfer providing a step-change in safety and performance.



Banlaw's Grease Transfer (GTX) Couplings enable mine staff to transfer grease into key machines at high speed without compromising operator safety.

This patent pending* grease transfer technology is the first of its kind. It prevents the safety hazards of open bore connectors whilst delivering significantly increased product transfer rates, and exceptional ease of use. The GTX Nozzle and Receiver can be connected, even with residual line pressure.

The Grease Transfer Couplings are part of LubeCentral, Banlaw's fluid transfer range of products. Banlaw LubeCentral™ Couplings are engineered to lead the way in controlling contamination. They last longer due to their all-steel mating parts, and only matched pairs can connect so that fluid cross-contamination is not a threat.

The GTX Coupling will mitigate several common safety risks from grease transfer, optimise your service times and protect your equipment as well as the work environment. Vehicles and plant are back to work significantly faster, without undue risk to operators.

Benefits of Banlaw's Grease Transfer Couplings

Ease of Use

The GTX Nozzle has a 'positive connect' feel, while retaining a Flush Faced design. Additionally, the force required to connect the couplings has been a key focus of the design, with the objective to minimise the effort required. Extensive testing on mine sites has proven that operators are able to connect and disconnect the couplings easily.

Optimum Productivity

Independently reviewed by specialists in industrial lubricants and components; the Banlaw GTX Couplings have been tested against a range of common grease couplings. These tests showed that Banlaw's GTX Couplings allowed the highest flow rates. At a pressure behind the nozzle of 150psi, GTX Coupling flow rates are 40% higher than the closest competitor product available to test. Further to this, the Banlaw GTX Nozzle can be connected with residual pressure in the line. It is common that couplings cannot be connected until all line pressure is bled off. The connect-under-pressure feature, along with accelerated transfer rates mean that task duration is significantly reduced.

Clean

The GTX Nozzle and Receiver have been designed to connect and disconnect cleanly. Both parts of the couplings include features to cease the flow of product, either back through the receiver or from residual line pressure behind the nozzle. This means service events are a clean affair and waste product is far less likely to end up on the ground.

Cost Saving

The durability of all-steel mating parts gives Banlaw products an extended life, providing an excellent total cost of ownership. The GTX Coupling will also significantly reduce the grease wasted on your site, because it will no longer get expelled onto the ground when couplings are connected or disconnected.

Protects Your Equipment

Banlaw LubeCentral™ Couplings are known for their Dry Break design, and the GTX Couplings are no different. Flush Face means that particulate contaminants are far less likely to make their way into your machines, as the traditional deep recesses where product becomes laden with mud/ore etc are gone. This avoids down-time through contamination-related faults and prolongs the life of your machines.

Operator Safety

'Zero harm' to operators is the number one reason you should have Banlaw GTX Couplings on your site. Even when covered in grease, the couplings align easily, which reduces the slips that cause hand injuries and more. The fact that waste product does not end up on the ground means it won't be walked around the work environment, further reducing slips and falls.

High pressure grease is a very dangerous product. Momentary lapses in concentration with open-bore couplings can lead to grease-injection injuries to the hands and face of your operators. The Banlaw Grease Transfer Couplings have been built to withstand high pressure applications and vastly reduce the risk of such injuries.



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