

**INNOVATION.
NOT DUPLICATION.™**



MINING SOLUTIONS

BIRRANA™ BEST PLUGS

H-E PARTS INTERNATIONAL (H-E PARTS) PROVIDES SOLUTIONS FOR THE ENTIRE DRIVETRAIN, SPECIALIZES IN THE RE-MANUFACTURE OF MAJOR MOBILE EQUIPMENT COMPONENTS, AND OFFERS INDUSTRY LEADING BIRRANA™ PRODUCTS. THE ENHANCED DESIGN FEATURES OF THE BIRRANA™ PRODUCTS DELIVER EXTENDED LIFE, EASE OF MAINTENANCE AND SUPERIOR PERFORMANCE.

The Birrana™ BEST plug is a small and easy to install component for wheel groups and differentials which offers customers a reliable, safe and convenient option when it comes to checking for contamination. When checking the magnetic plug condition for wheel groups, it reduces the need to position the plugs above the oil level during servicing, therefore magnetic plugs can be checked where the truck is parked. For differentials, it reduces the need to use additional equipment such as pumps and hoses and enables the ability to control drain rate.

IMPROVED SAFETY

H-E Parts are focused on continuously improving safety across all products and services they supply. With stringent quality and safety checks prior to completion of any task. The Birrana™ BEST plug continues this promise by improving safety. Utilizing the Birrana™ BEST plug allows customers to ensure the risks of spills and scalding are minimized by using the Birrana™ BEST plug valve technology and the ability to readily connect dry-break couplings.

ELIMINATE OIL SPILLS

The Birrana™ BEST Plug assembly is self-sealing; as the magnetic plug is removed, a spring activated valve seals the orifice from the inside, preventing oil from streaming out. At most, a very small quantity of oil may be released as it is trapped outside the sealing mechanism.

BIRRANA™ ADVANTAGES

SUCTION CONNECTIONS

Suction or drain hoses can be connected to the adaptor where required. Fit the adaptor to the fast fill coupling first, then screw into the plug housing to allow filtering or draining without spilling oil. Adaptors have a female 3/4" national pipe tapered (NPT) thread to suit common dry-break couplings.

CONDITION MONITORING

Magnetic plug checks are clean and safe and can be carried out hassle-free in the field or in the workshop.

CONTROLLED DRAINING

The drain adaptor can be used to control the drain flow rate. Screw the adaptor in a short way to drain slowly. A faster flow rate is achieved by screwing the adaptor in further to widen the orifice.

REDUCED DOWNTIME

For wheel groups, the OEM plug design meant the truck may need to be moved so the plug was above the oil level. This would ensure the magnetic plug could be removed without an oil spill or scalding risk. Due to the self-sealing design of the Birrana™ BEST plug, the magnetic plug can safely be removed with the wheel group in any orientation. The truck no longer needs to be moved to position the magnetic plug above the the oil during servicing, increasing maintenance efficiencies.

For differentials, the original OEM design meant that a vacuum pump was required to help prevent the oil from streaming out, just to check the magnetic plug. The self-sealing feature of the Birrana™ BEST plug ensures that the magnetic plug can be safely removed without needing a vacuum pump, again saving valuable time.

OIL SAMPLING PLUG

In addition to the Birrana™ BEST plug assembly, the Birrana™ oil sampling plug is offered for customers with a preference for fast, simple and easy oil sampling in their wheel groups. The Birrana™ oil sampling plug features an easy to use valve that allows the magnetic plug and oil sampling tube to be inserted and removed without allowing oil out, or contaminants in. Much like the Birrana™ BEST plug, correct use ensures that oil spills and scalding risks are eliminated.

The Birrana™ oil sampling plug allows oil samples to be taken when the plug is above or below the oil level. Samples can be taken with the level port positioned anywhere between 86°F (30°C) and 626°F (330°C), greatly reducing the need to move the truck to position the plug just above the oil level to take the oil sample. This saves time and money during the oil sampling process.



Birrana™ BEST Plug



Birrana™ Oil Sampling Plug



The Birrana™ oil sampling plug can take samples anywhere between 86°F (30°C) and 626°F (330°C)

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