

Non-Sparking Oil Sampling Tool

This non-sparking tool is designed for safe and reliable sampling of oil and other liquids in hazardous environments. It is widely used in the petrochemical, mining, gas station, and railway industries.



Product Overview

Safety-First Oil Sampling

This non-sparking oil sampling tool is engineered for safe, reliable fluid collection in hazardous environments where flammable vapors, gases, or dust are present. Constructed from high-quality copper-beryllium alloy, the tool is specifically designed to eliminate spark risks while providing exceptional durability. It is an essential instrument for professionals working in petrochemical, mining, and aerospace industries where safety and precision are paramount.

Material Composition

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Element	Percentage
Beryllium (Be)	1.8% - 2%
Nickel (Ni)	0.1% - 0.6%
Other	<0.6%
Copper (Cu)	Remainder

Technical Specifications

Key Performance Metrics

283 HB Hardness (Min)	365 HB Hardness (Max)	105 kgf/mm2 Breaking Strength (Min)	120 kgf/mm2 Breaking Strength (Max)
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Material Characteristics

Spark Proof, Non-magnetic, Rust resistant

Applications

Recommended Industries

- Petrochemicals
- Mills and Mining
- Radar Stations
- Aerospace Industries
- Clean Rooms
- Pharmaceutical Industries
- Shipyards
- Laboratories
- Desalination Plants