

ROCKBLOCK® 5

Lost Circulation Material



Product Specifications

DESCRIPTION

ROCKBLOCK® 5 is a high performance lost circulation additive consisting of proprietary materials designed to quickly seal natural and induced fractures during lost circulation events throughout drilling operations. ROCKBLOCK 5 is a one-sack blend with a tailored particle size distribution designed to seal 1–5 mm fractures or the interconnected channels in vugular formations. ROCKBLOCK 5 can be used to stop partial to total loss returns in all types of drilling fluids.

ADVANTAGE

Effective at sealing a wide range of fracture widths in various formations

Ease of use - one-sack solution saves time during critical lost circulation events

Minimizes footprint on location, reduces HSE exposure

Can be pumped through downhole equipment, removing the need to trip out prior to treatment

Withstands differential pressures > 1000 psi

Compatible with all WBM, OBM and SBM

High temperature stability over 204°C (400°F)

APPLICATION

Used during partial to total lost circulation

Used to spot pills or run as pill sweeps

Can be added directly through the mixing hopper into a pit with proper agitation

TREATMENT RECOMMENDATIONS

For seepage losses recommended treatment ranges from 10-20 lb/bbl

For severe lost circulation recommended treatments of 30-50 lb/bbl

Allow proper mixing times to prevent downhole tool failures

Suitable base fluid viscosity is required to maintain the particle suspension, YP of 40+ especially in low weight fluids

PHYSICAL PROPERTIES

Appearance: Brown, free-flowing powder

Specific gravity: 1.7-1.8 g/cm³ (14.2-15.0 lb/gal)

HANDLING AND STORAGE

ROCKBLOCK 5 should be stored in a dry environment. Avoid excessive dust and inhalation. Use appropriate PPE and review the SDS before use.

PACKAGING

ROCKBLOCK 5 is available in 25 lb, multi-walled bags.