

NW-1 Polymer NW-1 polymer is an oil-soluble temporary plugging agent. It is an organic compound which is designed to temporary plug the throat of oil formation and decrease the formation damage of workover fluid or drilling fluid. NW-1 may be used in almost all water base workover fluid or drilling fluid.

Specifications

Physical appearance	Light Yellowish powder
Oil Soluble (wt, %)	≥ 75.0
Particle size (0.3mm screen penetration rate, wt, %)	≥ 90.0
Permeability recovery (%)	≥ 90.0
Softening Point (°C)	≥ 115

Applications NW-1 oil soluble temporary plugging agent is slightly soluble in water, at formation temperature. Through the bridge, filling and deformation and so on, it can form a low permeability plugging strip on the wellbore, thereby preventing the fluid invasion and the formation damage. After the operation is completed, it can be gradually dissolved in oil, and the low permeability plugging strip is broken. Temporary plugging rate: $\geq 95\%$, Permeability recovery value is greater than or equal to 95%, Adapted to the temperature range of 40 ~ 120 C. Applied in workover fluid or drilling fluid to reduce the fluid or particles invasion and control the formation damage. Also can be applied as the selective acidizing temporary blocking agent the or diverting agent.

Packaging and Storage

Packaging
The product is usually packaged in 25-kg paper drums or fibre drums with a moisture-proof plastic liner, and other sizes are available based on customers' requirements.

Storage
Product should be stored in ventilated and dry warehouse, not co-exist with toxic substances.

Safety and Handling Avoid contact with eyes, skin and clothing. Handle as an industrial chemical. Refer to Material Safety Data Sheet (MSDS) for detailed safety information.