

## Product Description - Oil drilling grade PAC LV

### Description:

PAC LV(Polyanionic cellulose) is a water-soluble polymer, it has become a key additive in high-permeability reservoirs, shallow oil fields and complex drilling fluid systems. Due to its rapid dissolution, low thickening effect and excellent fluid loss reduction performance, it could adjust the viscosity of the injected water, improve the oil-water flow ratio, inhibit the "fingering" phenomenon, and expand the swept volume.



### Main functions:

PAC LV could reduce the loss of drilling fluid to the formation and protect the permeability of the reservoir. It could also improve the rheology of drilling fluid and reduce the plastic viscosity.

**Physical and chemical indexes (analytical methods are available, according to API 13A ) :**

### PAC Parameters

| Type                                       | PAC LV                    |
|--------------------------------------------|---------------------------|
| Appearance                                 | White or yellowish powder |
| Starch or starch <u>derivates</u> presence | Absent                    |
| Moisture content                           | Max 10%                   |
| Apparent viscosity                         | Maximum 40 CP             |
| Filtrate volume                            | Maximum 16 ml             |