



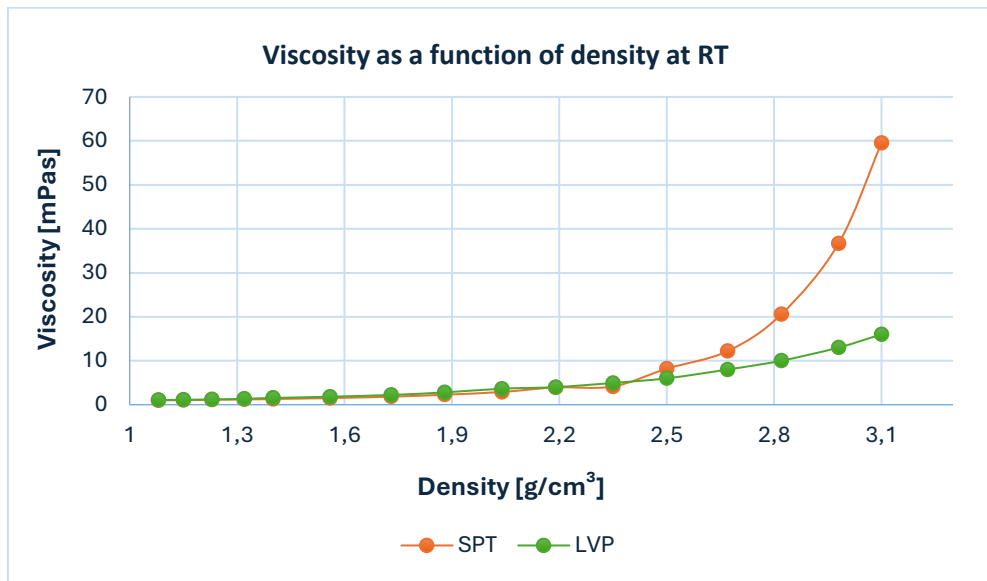
Encountering difficulties in separating sodium polytungstate solutions at high densities or with small grain sizes?

Our solution: Low Viscosity Polytungstate (LVP) – Now available in crystalline form

In addition to our liquid LVP – sodium polytungstate with low viscosity –, LVP is now also available in a solid crystalline form.

Key properties:

- Unlimited shelf life
- Good solubility
- Density up to 3.0 g/cm^3
- Transparent, colourless solution
- Low viscosity even under high densities (see diagram)
- No precipitation at low temperatures (up to 14°C / 57°F)



The high viscosity of sodium polytungstate solutions often leads to prolonged separation times for solids in the fine particle range and at high densities ($> 2.8 \text{ g/cm}^3$). Using laboratory centrifuges, the separation process can already be significantly accelerated.

Our solution, however, provides a compelling alternative:

The heavy liquid Low Viscosity Polytungstate (LVP) is engineered to exhibit low viscosity characteristics even under high-density conditions. For instance, at a density of 2.90 g/cm^3 , our LVP solution boasts a viscosity of just 13 mPas. This allows for swift separation processes even without the need for centrifugation.

Numerous customers have embraced this significant advantage. Responding to the growing demand for LVP solutions, TC-Tungsten Compounds now proudly offers this product in a solid, crystalline form, ensuring the inherent benefits of a solid substance over solutions.