Polikon Test

CHEMICAL NAME   Mixture

TECHNICAL REQUIREMENTS Appearance..clear or slightly turbid liquid
without mechanical impurities
of green colour with fluorescence
Density at 20 °C, g/cm^3 ....1.067 ÷ 1.071
Kinematic viscosity at 20°C, mm^2/s ....0.5 ÷ 4.0
Solidification temperature, °C...max. - 35
pH ....7.8 ÷ 8.5
Corrosion prevention ability:
analysis at T=35 ºC during 672h $^{*)}$
- weight change of plates, mg:
  - steel ....   -11 ÷ +5
  - copper... -11 ÷ +5
  - brass.. -11 ÷ +5
  - aluminium .... -5 ÷ +5
  - zinc .... -22 ÷ +5
- testing plates appearance, number of points, max 3
- liquid appearance, number of points, max................................. 2
Influence on seals $^{*)}$:
- volume change, % ....0 to 7
Tendency to foaming $^{*)}$:
- lather volume, ml...max. 150
- decay time of foam, s ....max. 5

$^{*)}$ executed only on production starting, change of formula or
production technology which may impact on product's parameters

IGENERAL DATA*   Solubility in water .... good
Other solvents..glycols, alcohols
Flash-point in open cup ....above 100
Water content...45 ÷ 55

APPLICATION   Fire resistance fluid for testing and maintenance of hydraulic mining
machinery.