

PowerLift+

Combination Foaming Agent and Micro Dispersant



Product Features

- Hybrid product combines foaming agent and dispersant in one
- Effectively disperses clay, mud, sand, silt and sludge. Converts densely packed deposits to a non-adherent, light-density dispersion
- Winterized for effective use below -35°C
- Effective in hard or soft water areas as well as in alkaline waters
- Instant solubility in either water or methanol solutions
- Biodegradable for improved environmental acceptability

Description

Over time the reservoir pressure in a natural gas well declines to the point where it is no longer sufficient to lift produced water droplets to the surface. This results in the accumulation of liquid in the tubing leading to further drops in pressure and lost production. Sometimes, accumulations of sand, silt, sludge or clay also occur. If these conditions are left unchecked, the well will ultimately reach the reservoir shut-in pressure causing gas flow and well production to cease. These problems commonly require treatment with multiple products. POWERLIFT+ combines the power of a foaming agent and dispersant in one, allowing you to treat these issues with a single solution resulting in time and cost savings! POWERLIFT+ is designed to remove accumulations of water, solids including sand and combinations thereof from oil and gas wells. This product can be applied using an endless tubing unit to remove existing accumulations or it can be fed continuously to keep the solids suspended, dewater the well and keep the well clean.

Batch treatments of POWERLIFT+ will alleviate these conditions resulting in an increase the production of gas from the well. When fed continuously, POWERLIFT+ will help to maintain the well at optimal production rates and extend well life.

Product Properties

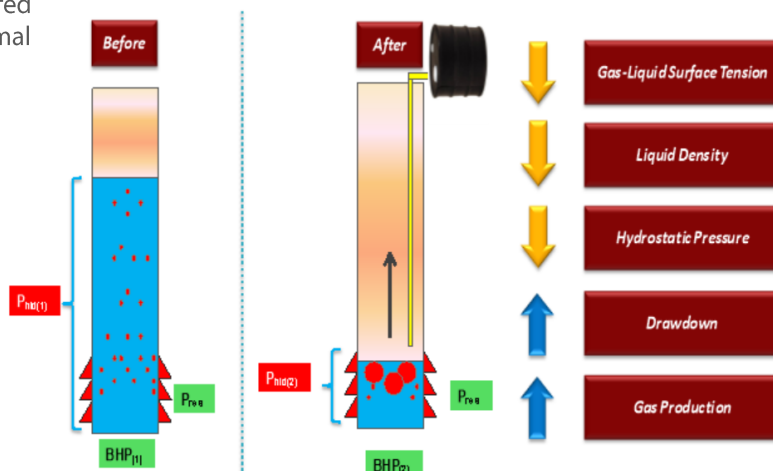
Appearance	Colorless to pale yellow liquid
Odor	Characteristic
Specific Gravity, at 20°C	0.95-1.05 kg/L
pH	7-10
Freeze Point	$<-35^{\circ}\text{C}/-32^{\circ}\text{F}$
Shelf Life	2 years

Applications include

POWERLIFT+ can be effectively used in both oil and gas wells, production and collection facilities to restore and enhance production which has dropped due to accumulated deposits or collection of water droplets which restrict gas flow. POWERLIFT+ may also be used in other applications where a combination solids dispersant and foaming agent are desired.

Directions for use

POWERLIFT+ should be diluted using either methanol or water depending on the season and desired freeze point. When using an endless tubing unit **POWERLIFT+** should be applied at a ratio of 40:1. When batch treating, **POWERLIFT+** should be applied at 25:1 down the well annulus. Consult your Genesis representative for treatment recommendations specific to your well. For continuous treatments, **POWERLIFT+** should be fed at 1 – 5 L per day per well also down the well annulus.



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