Gas Prevention Spacer

A Elastomeric cementing spacer is a specially formulated fluid used in oil and gas well cementing operations. It plays a crucial role in improving cement bond quality and zonal isolation, particularly in challenging Gas well conditions.
It is a water-based fluid that incorporates styrene-butadiene rubber (SBR) to enhance fluid properties during the displacement process in cementing.

ADVANTAGES

Enhanced Mud Removal	GPS improves contact and cleaning of the casing and formation
Improved Zonal Isolation	Reduces micro-annulus formation and gas migration risk.
Fluid Compatibility	Prevents cement-mud incompatibility.
Temperature Stability	Stable under a wide range of well temperatures (especially deep wells)
Flexible Film Formation &Fluid loss control	GPS forms a microfilm that helps improve the bond between casing and cement. And enhanced the fluid loss control (50 ml/ in 30min).

DOSAGE

Recommended dosage:
30-33 Lbs/bbl

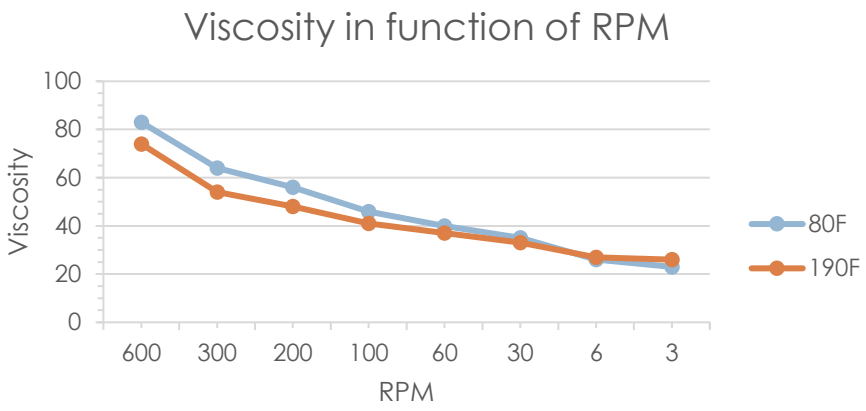
PACKAGING

Gas Prevention Spacer is packed in 45 Lbs/Sack

Gas Prevention Spacer (GPS)

	Physical Status	Appearance	S. G.	Color	pH
GPS	Solid	Powder	1.55	Light-brown	10-11

RHEOLOGY STUDIES OF *Gas Prevention Spacer*



	600	300	200	100	6	3	PV	YP
80F	**83**	**64**	**56**	**46**	**26**	**23**	**27**	**37**
190F	**74**	**54**	**48**	**41**	**27**	**26**	**19.5**	**34.5**

APPICATION

1. Wells with Oil-Based Mud (OBM): Spacer prevents OBM-cement interaction.
2. High-Pressure High-Temperature (HPHT) Wells: GPS stabilizes the slurry and improves filtration control
3. Gas Wells: Reduces the risk of gas migration
4. Liner Cementing or Casing Jobs with Poor Mud Removal History

FILTER CAKE

1. GP Spacer. (FL 50ml in 30 min).
2. Conventional Spacer. (FL 126 ml in 30 min.



