

CHEM SCREEN

Chem Screen™ is a new technology that challenges the traditional concept of downhole chemical treatment.

Through the micro-encapsulation technology, all the active components of the most effective liquid chemical treatments in the oil industry are processed in a solid stick that is then installed below the pump intake.

The installation of the Chem Screen™ downhole allows the activation and dispersion of the chemical problems to be treated and inhibited faster and more effectively, thus prevents harmful effects on downhole equipment.

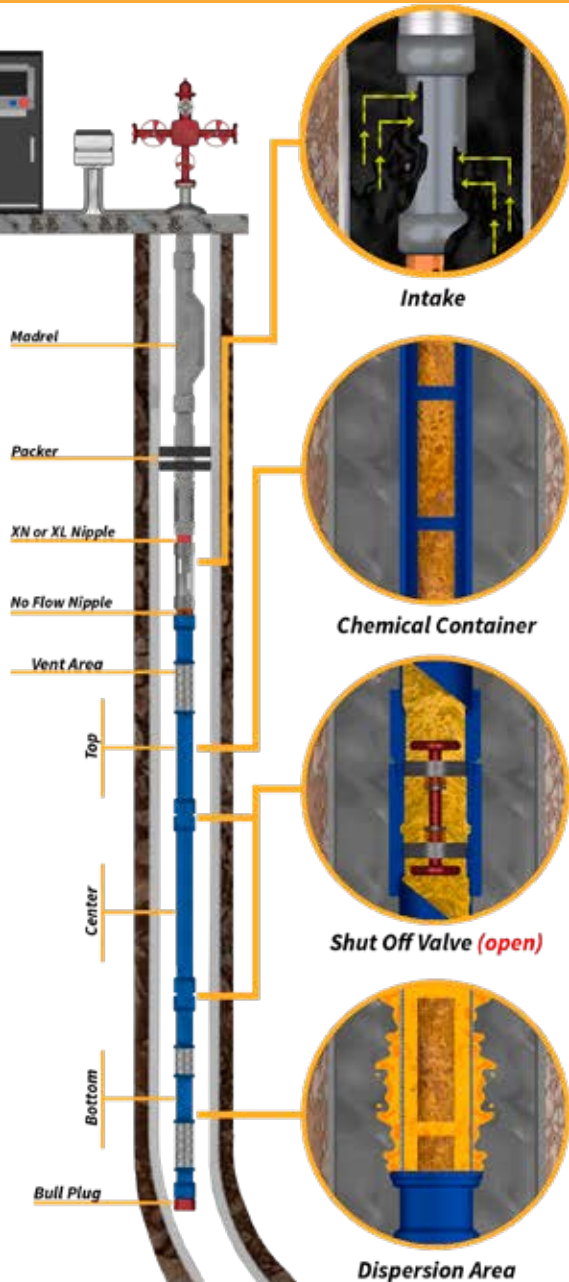
Use your device, watch the video scanning QR code



BENEFITS

- Reduces paraffin, scale and corrosion failures.
- Treats from the bottom up.
- Refillable tool design.
- Slow, self-release.
- Chemical treatment below the packer.

Chem Screens are solid based blend with 97% active chemical ingredients.



Shut Off Valve (close)
No Spillage



"Your source for fluid conditioning systems"

The Chem Screen is manufactured in three nominal diameters: 2-3/8", 2-7/8", 3-1/2" and lengths: 24', 48', 72', 96', 120' and 144'. The size and length of the system is designed based on the chemical problems, BHT, production and mechanical conditions of each well.

Chemical Tool Recommendation***

FOR ESP's*

Casing (in)	Tubing (in)	Production (BPD)	Water cut %	BHT (F)	Chemical Tool Recommendation (ft)
5-1/2"	2-7/8"	0 - 400	60	160	48'
5-1/2"	2-7/8"	400 - 1000	60	160	72'
5-1/2"	2-7/8"	1000 - 1800	60	160	96'
5-1/2"	2-7/8"	New Well 1800 - 3000	60	160	120'
5-1/2"	2-7/8"	New Well 3000 - 4500	60	160	144'

* For new wells, which usually have a depletion time of 4-7 months, OSI recommends either a 120' or 144' OSI Chem Screen. Quick Release is recommended for all the ranges of production. Longevity estimated for a period of 1 year.

** Extend the Longevity of chemical treatment in Gas Lift and SRP's with OSI's latest Retrievable Chem tool. Longevity estimated for a period of 1 year.

***Recommendations could change based on the specific well conditions.

FOR GAS LIFT & SRP's**

Casing (in)	Tubing (in)	Production (BPD)	Water cut %	BHT (F)	Chemical Tool Recommendation (ft)
5-1/2"	2-7/8"	0 - 350	60	160	24'
5-1/2"	2-7/8"	350 - 800	60	160	48'
5-1/2"	2-7/8"	800 - 1150	60	160	72'
5-1/2"	2-7/8"	1150 - 1500	60	160	96'

The OSI technical team is prepared to evaluate the best option for your well.

Technical Specifications

Size	Pipe (in)		Screen (in)	Collar (in)	
	OD	ID	OD	OD	ID
2-3/8"	2.375	1.941	2.87	3.063	2.375
2-7/8"	2.875	2.441	3.37	3.668	2.875
3-1/2"	3.5	3.066	3.94	4.5	3.5

