



FA-1



Product No.		Product properties					
		Usage	Appearance	Defoamer rate	Anti-freezing	Solubility	Specification
Defoamer	CX510L liquid	Disperse in water	White liquid	≥90%	≤-10℃	Disperse in water	It is a high efficient defoamer which can quickly eliminate the foam generated in cement slurry. It has shown to have minimal negative effect on other properties of cement slurry.
	CX610L liquid	Disperse in water	Colorless or yellowish transparent liquid	≥90%	≤0℃	1. Disperse in water	It is a high efficient defoamer which can quickly eliminate the foam generated in cement slurry. It can be dispersed well in the cement slurry, and inhibit foam produced by other additives. It has shown to have minimal negative effect on other properties of cement slurry.



Natural Asphalt



Bentonite



Anti-Age Channeling Additive CT610L



CW110L/CW210L



Type		Spacer Additive						
Application		Spacer additive has certain viscosity and suspension effect, which can replace drilling fluid efficiently and prevent cement slurry blends with drilling fluid.						
Product No.		Product properties						
		Usage	Appearance	Application Temperature	Salt resistance	Anti-freezing	Solubility	Specification
Spacer Additive	CS210S powder	Water mixed	Faint yellow powder	≤120℃	fresh water	—	Soluble in cold water	It has an obvious thickening effect and replaces cement slurry effectively, which integrates thickening, suspension and stability performance.

Type		Fluid Loss Additives						
Application		<p>Fluid loss additives can control fluid loss to the layer, prevent cement slurry density from increasing caused by over dehydration which will lead to pumping problem and cementing accidents.</p> <p>AMPS polymer fluid loss additives have following advantages: wide applicable temperature, salt-tolerance, stability and suitable for all API classes of cement and no water quality required.</p> <p>AMPS polymer fluid loss additives can be used in medium and low temperature system($\leq 120^{\circ}\text{C}$) , general system ($\leq 150^{\circ}\text{C}$) and high temperature system($\leq 180^{\circ}\text{C}$).</p> <p>AMPS polymer fluid loss additives have dry-mixed type, water-mixed type and dry&water mixed dual purpose type according to the method of use. There are also high purity type fluid loss additives with the advantages of high purity and small dosage that can be used to make other products.</p>						
Product No.		Product properties						
		Usage	Appearance	Application Temperature	Salt tolerance	Anti-freezing	Solubility	Specification
Lightweight	CG210S-P high purity powder	Dry & water mixed dual purpose	White or faint yellow powder	$\leq 180^{\circ}\text{C}$ (356°F, BHCT)	Saturated salt water	—	Soluble in cold water	<p>It's especially useful in lightweight cement slurry. It can thicken cement slurry, little free fluid and help the cement slurry suspend stably. High purity, small dosage. No retarding effect and the set cement strength is developed fast. Compatible well with other additives.</p> <p>Suitable for all API classes of cement and no water quality required. CG210L, CG210S-T and CG210S-D can be made from this kind of product.</p>
								<p>It's especially useful in lightweight cement slurry. It can thicken cement slurry, little free fluid and help the cement slurry suspend stably.</p>

CG210S-T dry & water mixed dual purpose type powder	Dry & water mixed dual purpose	White or faint yellow powder	$\leq 180^{\circ}\text{C}$ (356°F, BHCT)	Saturated salt water	—	Soluble in cold water	<p>It's especially useful in lightweight cement slurry. It can thicken cement slurry, little free fluid and help the cement slurry suspend stably.</p> <p>No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Use flexibly for both water and dry mixed.</p>
CG310S-P high purity powder	Dry & water mixed dual purpose	White or faint yellow powder	$\leq 125^{\circ}\text{C}$ (257°F, BHCT)	Half saturated salt water	—	Soluble in cold water	<p>Designed for low-moderate temperature oil well with low cost. Suitable for low, normal and high density slurries. High purity and low dosage. Good fluidity, stable system and little free fluid.</p> <p>No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. CG310L, CG310S-T and CG310S-D can be made from this product.</p>

Low-moderate temperature system AMPS polymer fluid loss additives	CG310S-D dry mixed type powder	Dry mixed	Gray powder	≤125°C (257°F, BHCT)	Half saturated salt water	—	35-80% soluble	Effective at low-moderate temperature oil well with low cost. Suitable for low, normal and high density slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Easy storage, moisture and agglomerate free, ensuring long life.
	CG310S-T dry & water mixed dual purpose type powder	Dry & water mixed dual purpose	White or faint yellow powder	≤125°C (257°F, BHCT)	Half saturated salt water	—	Soluble in cold water	Designed for low-moderate temperature oil well with low cost. Suitable for low, normal and high density slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Use flexibly for both water and dry mixed.

General Multifunctional AMPS polymer fluid loss additives	CG610L liquid	Water mixed	Colorless or faint yellow liquid	≤150°C (302°F, BHCT)	Saturated salt water	Standard: ≤-5°C; anti-freeze: ≤- 10°C	Soluble in cold water	Provide fluid loss control in low, normal or high density cement slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required.
	CG610S-P high purity powder	Dry & water mixed dual purpose	White or faint yellow powder	≤150°C (302°F, BHCT)	Saturated salt water	—	Soluble in cold water	Provide fluid loss control in low, normal or high density cement slurries. High purity and low dosage. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. CG610L, CG610S-T and CG610S-D can be made from this product.
	CG610S-D dry mixed type powder	Dry mixed	Gray powder	≤150°C (302°F, BHCT)	Saturated salt water	—	35-80% soluble	Provide fluid loss control in low, normal or high density cement slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives.

fluid loss additives	CG610S-D dry mixed type powder	Dry mixed	Gray powder	$\leq 150^{\circ}\text{C}$ (302°F, BHCT)	Saturated salt water	—	35-80% soluble	Provide fluid loss control in low, normal or high density cement slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Easy storage, moisture and agglomerate free, ensuring long life.
	CG610S-T dry & water mixed dual purpose type powder	Dry & water mixed dual purpose	White or faint yellow powder	$\leq 150^{\circ}\text{C}$ (302°F, BHCT)	Saturated salt water	—	Soluble in cold water	Provide fluid loss control in low, normal or high density cement slurries. Good fluidity, stable system and little free fluid. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Use flexibly for both water and dry mixed.

High temperature and multifunctional AMPS polymer fluid loss additives	CG810S-P high purity powder	Dry & water mixed dual purpose	White or faint yellow powder	≤180°C (356°F, BHCT)	Saturated salt water	—	Soluble in cold water	Provide fluid loss control in low, normal or high density cement slurries. High purity and low dosage. High temperature resistance performs better. Good fluidity, stable system and little free fluid. Don't retard, and set cement's compressive strength develops fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. CG810L, CG810S-T and CG810S-D can be made from this product.
	CG810S-D dry mixed type powder	Dry mixed	Gray powder	≤180°C (356°F, BHCT)	Saturated salt water	—	35-80% soluble	Provide fluid loss control in low, normal or high density cement slurries. High temperature resistance performs better. Good fluidity, stable system and little free fluid. Don't retard, and set cement's compressive strength develops fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Easy storage, moisture and agglomerate free, ensuring long life.

Product No.		Product properties						
		Usage	Appearance	Application Temperature	Salt tolerance	Anti-freezing	Solubility	Specification
Lightweight cement slurry system AMPS polymer fluid loss additives	CG210S-P high purity powder	Dry & water mixed dual purpose	White or faint yellow powder	≤180℃ (356°F, BHCT)	Saturated salt water	——	Soluble in cold water	It's especially useful in lightweight cement slurry. It can thicken cement slurry, little free fluid and help the cement slurry suspend stably.High purity, small dosage. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required.CG210L, CG210S-T and CG210S-D can be made from this kind of product.
	CG210S-D dry mixed powder	Dry mixed	Gray powder	≤180℃ (356°F, BHCT)	Saturated salt water	——	35%-80% soluble	It's especially useful in lightweight cement slurry. It can thicken cement slurry, little free fluid and help the cement slurry suspend stably. No retarding effect and the set cement strength is developed fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required.Easy storage, moisture and agglomerate free, ensuring long life.

CG810S-T dry & water mixed dual purpose type powder	Dry & water mixed dual purpose	White or faint yellow powder	≤180°C (356°F, BHCT)	Saturated salt water	—	Soluble in cold water	Provide fluid loss control in low, normal or high density cement slurries. High temperature resistance performs better. Good fluidity, stable system and little free fluid. Don't retard, and set cement's compressive strength develops fast. Compatible well with other additives. Suitable for all API classes of cement and no water quality required. Use flexibly for both water and dry mixed.
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In total, I need about 200 tons, how are these priced? How long will it take to get these to Kuwait? What certifications do you have to validate the quality?