



ALTACHEM LTD.

Technical Data Sheet

Altachem Part No: AC-7005 Series

Select Part No: Paraffin Inhibitor Ball

PARAFFIN INHIBITOR BALL (TANK, WELL & PIPELINE TREATMENTS)

				Color – Brown		Packaging – 24 Per Box	
				NON - TDG – Regulated Product		Allowable Air - Ocean Freight	
ACID BALL SIZES				TANK TREATMENT			Weight Ea. Ball
US Size		Metric Size	1 Ball per 72 barrels (3.024 Gallons)				0.453592 kg's
4"		101.6 mm					1 lbs
HS Code		3402.13.00		Regulations		NON-TDG	
Form		Solid		Melting Point		N/A	
Color		Brown		Solubility in Water		Soluble	
pH		6 - 7		Solubility in Brine		Soluble	
Specific Gravity		1.084 – 1.1		Solubility in Crude		Dispersible	

DESCRIPTION

PARAFFIN INHIBITOR BALLS are water-soluble spheres containing a combination water soluble hardeners and a special Oil Crystal Modifier. These ingredients contribute to an effective inhibiting process on certain ranges of molecular weight paraffins.

PARAFFIN INHIBITOR BALLS are not designed to remove existing paraffin deposits but can soften these deposits and often make conventional paraffin cutting operation easier and faster.

APPLICATION

PARAFFIN INHIBITOR BALLS are primarily used to prevent paraffin deposition in crude oil production systems.

PARAFFIN INHIBITOR BALLS inhibit paraffin deposition by the crystal modification method. This method keeps paraffin particles from sticking together.

PARAFFIN INHIBITOR BALLS are effective on certain ranges of molecular weight paraffin's. Testing the balls for effectiveness can be done by simply trying the balls in the field or by testing the crude oil in the laboratory. To be effective, the inhibitor must be in solution in the oil before paraffin precipitation starts to occur.

PARAFFIN INHIBITOR BALLS would be dropped through the hatch. The ball will fall to the bottom and dissolve in the water releasing the paraffin inhibitor to migrate up to the oil. As the tanks are rolled, the inhibitor is blended with the produced oil.

TREATMENT DETERMINATION

The number of **PARAFFIN INHIBITOR BALLS** is based on the volume of crude oil to be treated. Laboratory tests indicate that periodic treatments of 50 PPM can help control paraffin deposition. A treatment of 50 PPM would require 0.37 lbs of **PARAFFIN INHIBITOR BALLS** per 24 BBL'S (1,000 gallons) of crude oil produced

SAFETY & HANDLING

Please review SDS prior to using this product. As with all industrial chemicals, contact with eyes or skin should be avoided. Wash thoroughly with water if contact with skin is made. Balls should be stored in a cool dry place. Always remove ball from plastic bag or cardboard tube before using. Bag or tube can be used as a glove to avoid contact with hands.

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