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TECHNOLOGIES

# SHORT DELAY BORATE CROSSLINKER

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## HBX-200C

HBX-200C is a short delayed, borate-based crosslinker solution. This product is formulated for use with guar and HPG systems and is ideal to work in lower temperature ranges or shallow wells, at bottom hole temperatures up to 55°C.

## **ADVANTAGES**

- Shortly delayed crosslink time (10-30 seconds).
- Capable of crosslinking low polymer (1.8 kg/m<sup>3</sup>, 15 lb/gal) linear gel.
- Provides excellent shear stable viscosity and efficient proppant suspension.
- Formulated for compatibility in high pH environments.
- Compatible with most other fracturing additives.
- Application temperature range of 20 – 55°C.

## **TREATMENT**

HBX-200C typical dosage for oilfield fracturing fluids is 1.0 – 1.5 L/m<sup>3</sup> of product. Specific loadings are dependent on water chemistry, gel concentration and anticipated BHT.

## **PRODUCT HANDLING**

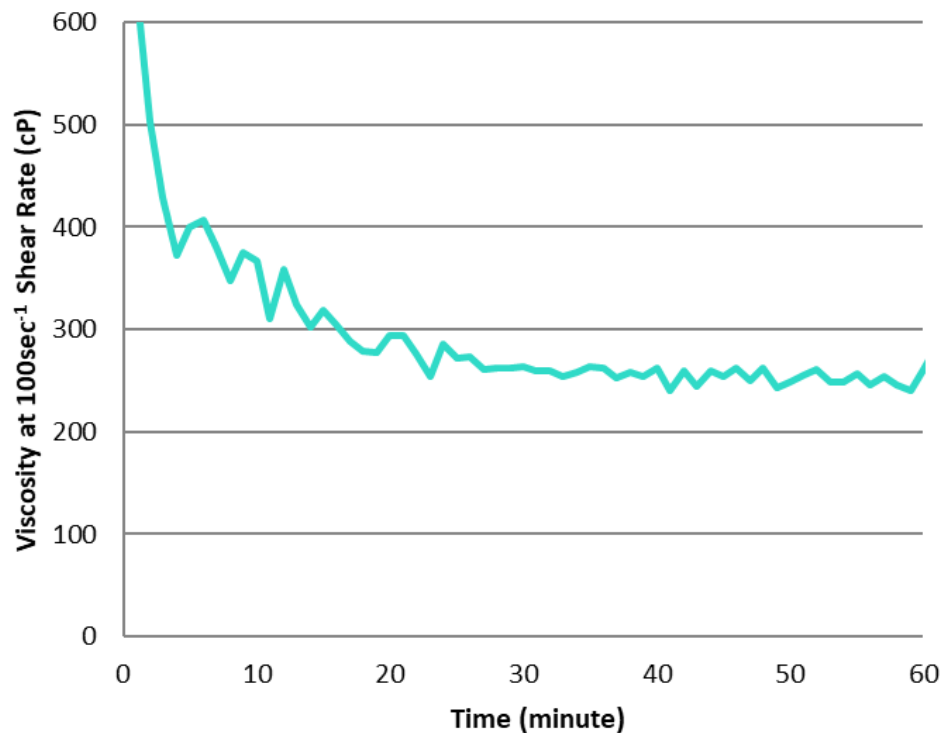
Read the SDS carefully and completely prior to handling this product. Proper PPE should always be used.

# PHYSICAL DATA

<b>STATE</b>	Liquid	<b>SG</b>	1.168
<b>COLOUR</b>	Colourless	<b>pH</b>	9
<b>ODOUR</b>	Mild amine	<b>FREEZE</b>	-20°C

2.4 kg/m<sup>3</sup> (20 lb/gal) Guar Gel  
HBX-200C at 1.0 L/m<sup>3</sup> at 50°C

HBX-200C 



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