

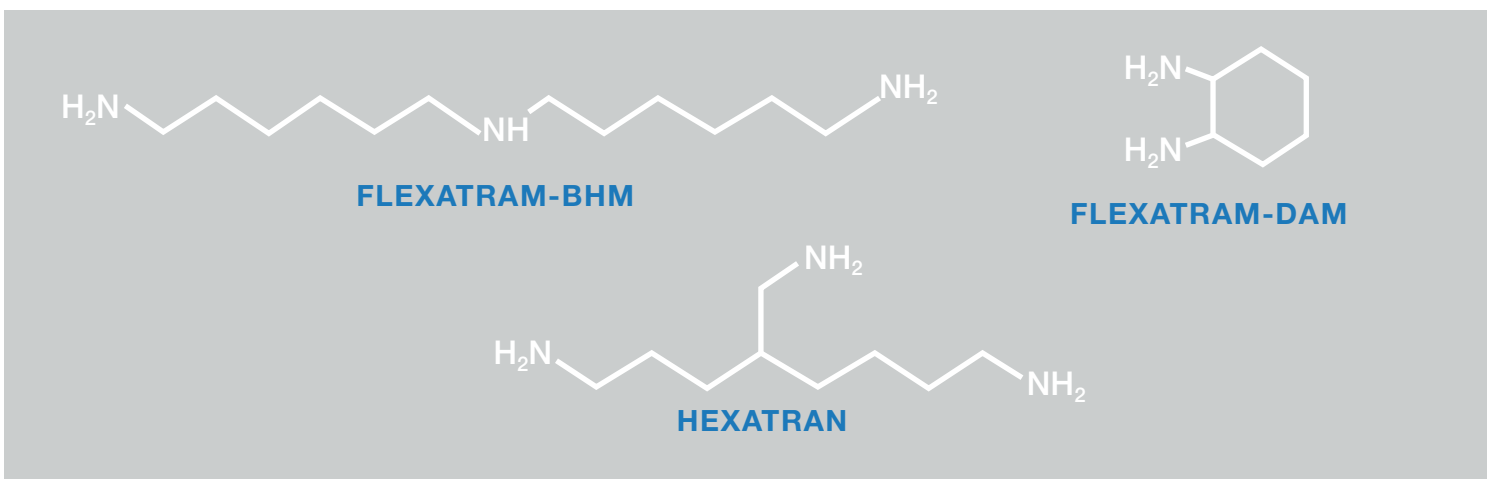


Corrosion inhibition

APPLICATION PROFILE



Ascend Performance Materials' specialty amines FlexaTram™-BHM, FlexaTram™-DAM and Hexatran™ provide excellent corrosion inhibition properties in vapor corrosion inhibitors (VCI) and film-forming corrosion inhibitors (FFCI). Our technical experts can help you select the right product or customize solutions for your application. For more corrosion inhibition products, please see our oil and gas product portfolio.



	FlexaTram and Hexatran derivatives	Metals	Typical dosage
Oil field brines	Quaternaries (VCIs)	Fe	10-25 ppm
	Amides imidazolines (FFCIs)	Fe	10-25 ppm
Boilers, crackers and refineries	Phosponates (VCIs)	Fe, Zn, Cu	10-25 ppm
	Amides imidazolines (FFCIs)	Fe	10-100 ppm
	Nitrates and carbonates (VCIs)	Fe	10-100 ppm
	FlexaTram-DAM and imidazolines (VCIs)	Fe	10-100 ppm
	FlexaTram-NNP (ethoxylated)	Fe	10-50 ppm

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, Ascend Performance Materials Operations LLC makes no representations or warranties as to the completeness or accuracy thereof. The full disclaimer of warranty and liability can be found at ascendmaterials.com/disclaimer.