

Downstream Applications

Source	Stream (Impurities)	Applicable Technologies
Crude Distillation Unit	Overhead Offgas (H ₂ S, RSH, COS, CO ₂)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS, LO-CAT®
	Saturated LPG (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	LSR/HSR Naphtha (H ₂ S, RSH)	THIOLEX™, REGEN®, MERICAT™
	Jet Fuel/ Kerosene (RCOOH, RSH)	NAPFINING™ HiTAN, MERICAT™ II, MERICAT™ J, AQUAFINING™
	Diesel (RCOOH)	NAPFINING™ HiTAN, AQUAFINING™
Catalytic Reformer	Overhead Offgas (H ₂ S)	LO-CAT®
	Unstabilized Refromate (HCl, NH ₄ Cl)	CHLOREX™
FCCU or RCCU	Overhead Offgas (H ₂ S)	LO-CAT®
	Unsaturated LPG (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	Light FCC Gasoline (H ₂ S, RSH)	
	Heavy FCC Gasoline (H ₂ S, RSH)	MERICAT™, MERICAT™ II, MERICAT™ J, EXOMER™
Alkylation	Overhead Offgas (H ₂ S)	ESTEREX™
Coker Visbreaker or Hydrocracker	Overhead Offgas (H ₂ S)	LO-CAT®
	LPG and Naphtha (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS, MERICAT™

Midstream Applications

Source	Stream (Impurities)	Applicable Technologies
NGL Fractionation	Natural Gas (H ₂ S, RSH, COS, CO ₂)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS, LO-CAT®
	Propane (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	Butane (H ₂ S, RSH)	THIOLEX™, REGEN®, REGEN® ULS
	Natural Gasoline (H ₂ S, RSH)	THIOLEX™, REGEN®, MERICAT™ II, MERICAT™ J

Upstream Applications

Gas Production Field	Natural Gas (H ₂ S, RSH, COS, CO ₂)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS, LO-CAT®
	LPG (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	Condensate (H ₂ S, RSH)	NAPFINING™, THIOLEX™, REGEN®, MERICAT™ II, MERICAT™ C
Oil Production Field	Associated Gas (H ₂ S, RSH, COS, CO ₂ , CHI, NH ₄ , NH ₄ Cl)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	Crude Oil (H ₂ S, CO ₂ , RCOOH, RSH)	NAPFINING™, MERICAT™ C
Oil Sands Heavy Oil Upgrader	Fuel Gas (H ₂ S, RSH, COS, CO ₂)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS
	LPG (H ₂ S, RSH, COS)	AMINEX™, THIOLEX™, REGEN®, REGEN® ULS