

High Efficiency ProMix MIXER SYSTEM Can Reduce Your Chemical Consumption



The high-performance ProMix mixer system requires minimum maintenance, has a high turndown ratio, and provides unobstructed flow conditions while providing efficient mixing of various production chemicals that must be injected into your production stream.

Conventional methods of injecting and mixing demulsifying chemicals with nozzles, quills, and static mixers often present the problem of producing new emulsions that aggravate the oil-water separator. This happens because chemical overdoses often result when the demulsifying agent is not effectively distributed onto the water droplets dispersed in the oil stream.

ProMix, however, generates a homogenous phase flow in combination with a significantly lower pressure drop and higher mass transfer than conventional mixing methods can provide. Shear forces are thus far better controlled and more evenly distributed, improving the chemicals' reactive efficiency. This reduces chemical consumption, benefiting both economically and environmentally.

H₂S scavenging applications that currently use the ProMix system boast significant reduction of chemical consumption by 26-42%. The mixing system can be customized in order to achieve optimum efficiency for the client's particular application.

REFERENCES

Available upon request.

FOR MORE INFORMATION

Contact your nearest ProSep Inc., office.

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