



RO FA H603 Case History

Anti-Agglomerate to replace high volume injection of methanol.

Program Field Parameters

Temperature	1.5°C.
System Pressure	5100 kpa
Chemical Delivery Savings, Ave 8hrs per delivery	\$60,750.00
Inhibitor Savings	\$357,700.00

Annual Savings on Sales line \$418,450.00

Challenge

The foreman of an oilfield producer requested REDA Oilfield to advise on the methanol rates on their sales line. The large amount of methanol at 3,500 L/day, required to keep the line hydrate free, was costly and labour intensive

Solution

REDA Oilfield reviewed the location and completed a hydrate curve for each location. REDA Oilfield recommended RO FA H603 for the application to be able to lower the volumes and be more cost efficient.



Application

The program was started at 700 L/day (80% reduction of initial methanol injection rate). Pigging of line was performed every two days and pig-returns were monitored for hydrates. No hydrates were observed so rate was reduced in steps of 50 L/day for the first two pig runs, then further optimized in steps of 20 L/day after following pig runs. Program was eventually optimized to 420 L/day (88% volume reduction compared to initial methanol injection rates).

No line pressure issues or hydrates have been observed.

Conclusion

RO FA H603 was successfully deployed in the field providing the operator with pipeline protection from hydrates.

As a result, the operator saved a significant amount in cost due to reduced fuel gas, pump repairs, road maintenance, trucking and chemical cost.

For further information about REDA Oilfield products or for technical support, please contact your local REDA Oilfield rep.