

7

Referências Bibliográficas

AHMED, H.; ROBINSON, D. B.; RAINES, M. A. **Paraffin deposition from crude oils: Comparison of laboratory results to field data.** SPE 38776, 1997.

ALVEZ, K. C. M. **Intensificação do processo de cristalização da parafina por ultra-som.** MSc Dissertação, Universidade Federal de São Carlos. São Paulo, Brazil, 1999.

AZEVEDO, L. F. A.; TEXEIRA, A. M. **A critical review of the modeling of the wax deposition mechanisms.** Petroleum Science and Technology, Vol.21, No.3 and 4, p. 393-408, 2003.

BROWN, T. S.; NIESEN, V. G.; ERICKSON, D. D. **Measurement and prediction of the kinetics of paraffin deposition.** SPE 26548

BURGER, E.; PERKINS, T.; STRIEGLER, J. **Studies of wax deposition in the trans Alaska pipeline.** Journal of Petroleum Technology, p. 1075-1086, 1981.

FUSI, L. **On the stationary flow of a waxy crude oil with deposition mechanisms.** Nonlinear Analysis 53:507-526, 2003.

GUSTAVO, B. C.; SERGIO, L. **Modelagem matemática e simulação computacional da deposição de parafina no transporte de óleo pesado através de dutos.** Rio Oil & Gás Expo and Conference 2006, Rio Janeiro-Brazil, 2006.

LEIROZ, A. T.; AZEVEDO, L. F. **Paraffin Deposition in a Stagnant Fluid Layer inside a Cavity Subjected to a Temperature Gradient.** Heat Transfer Engineering, 9, pp. 567-575, 2007.

LEIROZ, A. T. **Study of wax deposition in petroleum pipelines.** Ph.D. Thesis, Pontifícia Universidade Católica de Rio de Janeiro. Rio de Janeiro, Brazil, 2004.

LIRA, G.; RAMIREZ, J.; MANERO, O. **Modeling wax deposition in pipelines.**

Petroleum Science and Technology, 40, pp. 821-861, 2004.

NASAR, A.R.S.; DABIR, B.; VAZIRI, H.; ISLAM, M. R. **Experimental and Mathematical Modeling of Wax Deposition and Propagation in Pipes Transporting Crude Oil.** SPE, 67328, 2001.

PATANKAR, S. V. **Numerical Heat Transfer and Fluid Flow.** McGraw-Hill, 1980

PIRES, L. F. G.; NIECKELE, A. O. **Numerical Method For The Solution Of Flows Using Contravariant Components In Non-Orthogonal Coordinates.** Proceedings of the V Brazilian Meeting on Thermal Sciences, SP, pp. 343-346, 1994.

PLASENCIA, J. L. **Deposição de Parafina em Escoamento Laminar na Presença de Cristais em Suspensão.** MSc Dissertação, MSc. Dissertation. Departamento de Engenharia Mecânica, Pontifícia Universidade Católica do Rio de Janeiro. Rio de Janeiro, 2006.

POPE, S. B. **Turbulent Flows.** Cambridge University Press, 2000.

RIBEIRO, F. S.; SOUZA, M. P. R; BRAGA, S. J. **Obstruction of pipelines due to paraffin deposition during the flow of crude oils.** Journal of Heat Mass Transfer 40:4319 – 4328, 1997.

ROMERO, M. I.; LEIROZ, A. T.; NIECKELE, A. O.; AZEVEDO, L. F. A. **Evaluation of a diffusion based model to predict wax deposition in petroleum pipelines.** 13th International Heat and Mass Transfer Conference, Sidney, Australia, 2006.

ROMERO M. I. **Assessment of molecular diffusion as a mechanism for wax deposition in petroleum pipelines.** MSc Dissertação, MSc. Dissertation. Departamento de Engenharia Mecânica, Pontifícia Universidade Católica do Rio de Janeiro. Rio de Janeiro, 2005.

SETTARI, A.; AZIZ, K. **A Generalization of the Additive Correction Methods for the Iterative Solution of Matrix Eq.** SIAM J. of numerical Analysis, Vol.

10, pp. 506-521, 1973.

SINGH, P.; FOGLER, H. S.; NAGARAJAN, N. **Prediction of the Wax Content of the Incipient Wax-Oil Gel in a Pipeline.** Journal of Rheology, 43:1437–1459, 1999.

SOLAIMANY NAZAR, A. R.; ISLAM, M. R. **Experimental and mathematical modeling of wax deposition and propagation in pipes transporting crude oil.** Energy Sources, 27:185-207,2001.

TODI, SANDEEP. **Experimental and modeling studies of wax deposition in crude oil carrying pipelines.** Ph.D. Thesis, The University of Utah. Utah,2005.

VAN DOORMAAL, J. P.; RAITHBY, G. D. **Enhancements of the Simple Methods for Prediction Incompressible Fluid Flow.** Numerical Heat Transfer, 7, pp. 147-163, 1984.

WILLIAM, C. H. **Aerosol Technology.** John Wiley & Sons, 1982.