

Output

General Warnings Pump Summary Valve Summary Event Messages By Jct

Title: AFT Impulse Model
 Analysis run on: 1/11/2007 2:24:13 PM
 Application version: AFT Impulse Version 3.0 (2006.08.24)
 Input File: C:\AFT Mark\Brochures\14\Palmichal Oil Pipeline.imp
 Scenario: Base Scenario/Case 2/Case 3/Case 3a - 1190psig pressure switch settings
 Output File: C:\AFT Mark\Brochures\14\Palmichal Oil Pipeline_1.out

Steady-State Execution Time= 1.37 seconds
 Total Number Of Head/Pressure Iterations= 0
 Total Number Of Flow Iterations= 2
 Number Of Pipes= 59
 Number Of Junctions= 58

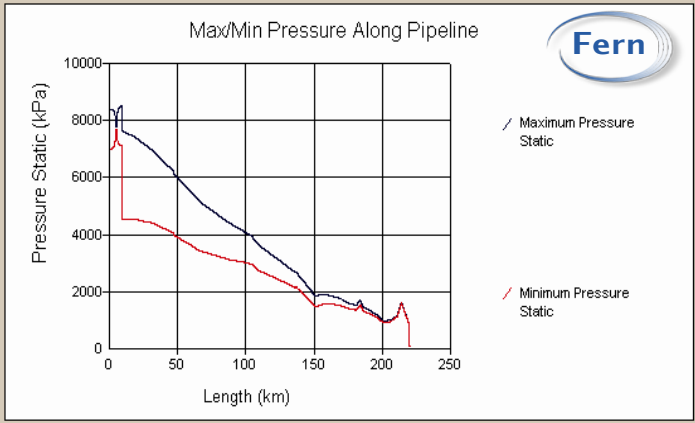
Pipes Transient Output Transient Max/Min

Pipe	Max. Static Pressure (kPa)	Max. Static Pressure Time (seconds)	Max. Static Pressure Station	Min. Static Pressure (kPa)	Min. Static Pressure Time (seconds)
1	1,144.8	97.81	6	442.6	101.1
2	8,375.4	97.17	1	7,736.6	101.1
3	8,435.0	97.12	3	7,670.5	100.1
4	8,521.7	102.8	260	6,971.1	100.1
5	7,621.0	0.000	0	4,524.9	480.1
6	7,420.3	4.296	0	4,539.8	
7	7,405.1	1.136	0	4,436.6	
8	7,096.3	11.60	5	4,436.6	

All Junctions Assigned Pressure Branch Check Valve Control Valve Pumps

Jct	Name	P Static In (kPa)	P Static Out (kPa)	P Stag. In (kPa)	P Stag. Out (kPa)	Mass Flow Into System (kg/hr)
1	Assigned Pressure	790.8	790.8	791.7	791.7	810.6
2	Branch	786.4	786.4	786.8	786.8	
3	Branch	7,766.8	7,766.8	7,767.0	7,767.0	
4	Branch	7,763.7	7,763.7	7,764.6	7,764.6	
5	212MV	7,761.2	7,761.2	7,762.1	7,762.1	
6	211MV	7,621.0	7,621.0	7,621.9	7,621.8	
7	210MV	7,420.4	7,420.3	7,421.2	7,421.2	
8	Check Valve 1	7,405.6	7,405.1	7,406.5	7,406.0	

Graph Results



Workspace

