

!Keywords: Blending / Petroleum Industry / Product Management / Product Mix / Production;

MAX 18.4 RG + 3.6 HF - 7.3 BT - 12.5 HN - 18.2 CR

SUBJECT TO

! Raw material and capacity limits

2) BT <= 1000

3) RG + HF <= 12000

! Octane requirement

4) - 94 RG + 120 BT + 74 HN + 100 CR >= 0

! Vapor pressure requirement

5) - 11 RG + 60 BT + 4.1 HN + 2.6 CR <= 0

! Volatility requirement

6) - 17 RG + 105 BT + 12 HN + 3 CR >= 0

! Batch size of RG

7) RG - BT - HN - CR = 0

END