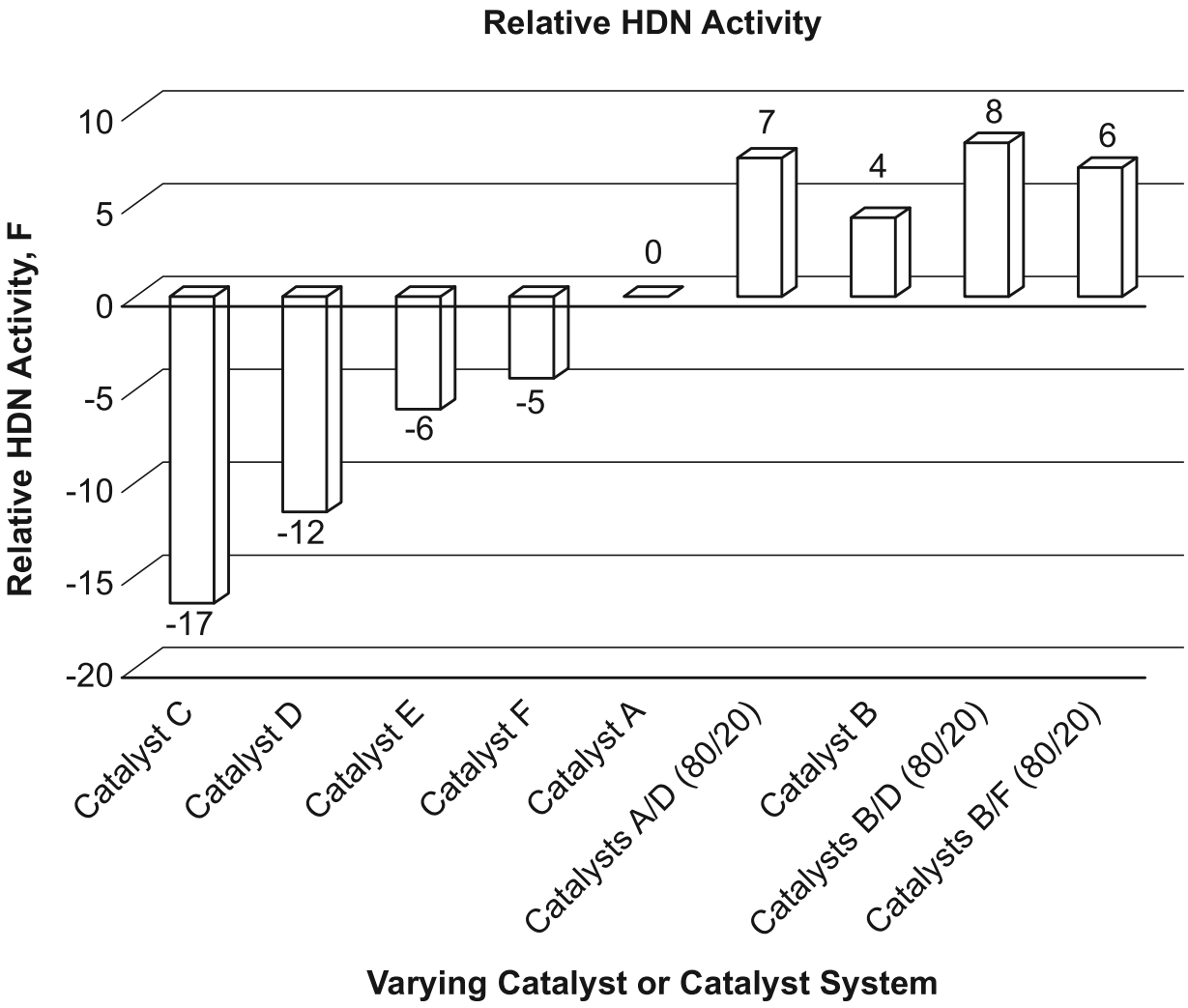
Relative HDN Activity
Relative HDN Activity, F
10
5
0
-5
-10
-15
-20
-17
-12
-6
-5
0
7
4
8
6
Catalyst C
Catalyst D
Catalyst E
Catalyst F
Catalyst A
Catalysts A/D (80/20)
Catalyst B
Catalysts B/D (80/20)
Catalysts B/F (80/20)
Varying Catalyst or Catalyst System

FIG. 1

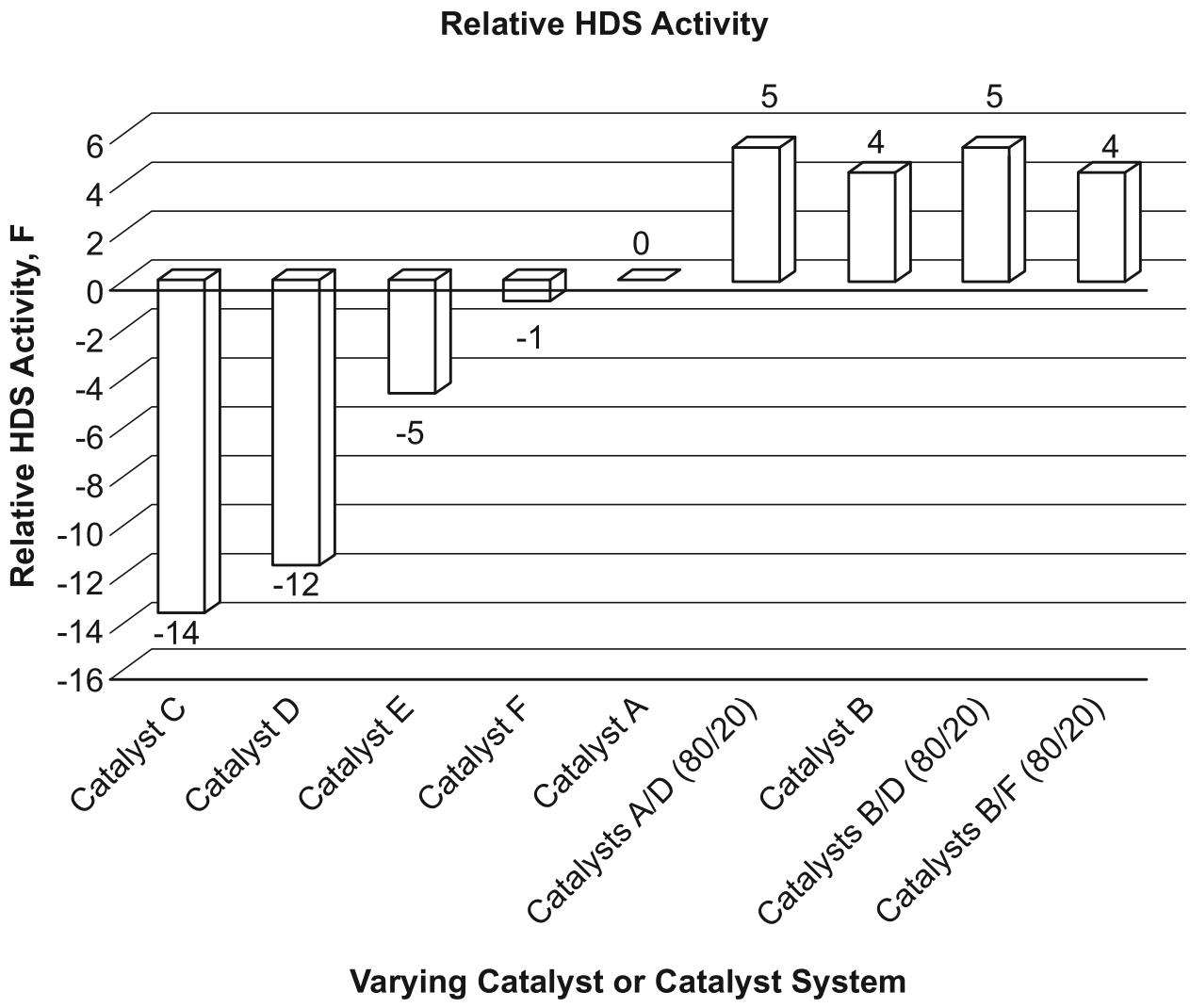
Relative HDS Activity
Relative HDS Activity, F
6
4
2
0
-2
-4
-6
-8
-10
-12
-14
-16
-14
-12
-5
-1
0
5
4
5
4
Catalyst C
Catalyst D
Catalyst E
Catalyst F
Catalyst A
Catalysts A/D (80/20)
Catalyst B
Catalysts B/D (80/20)
Catalysts B/F (80/20)
Varying Catalyst or Catalyst System

FIG. 2

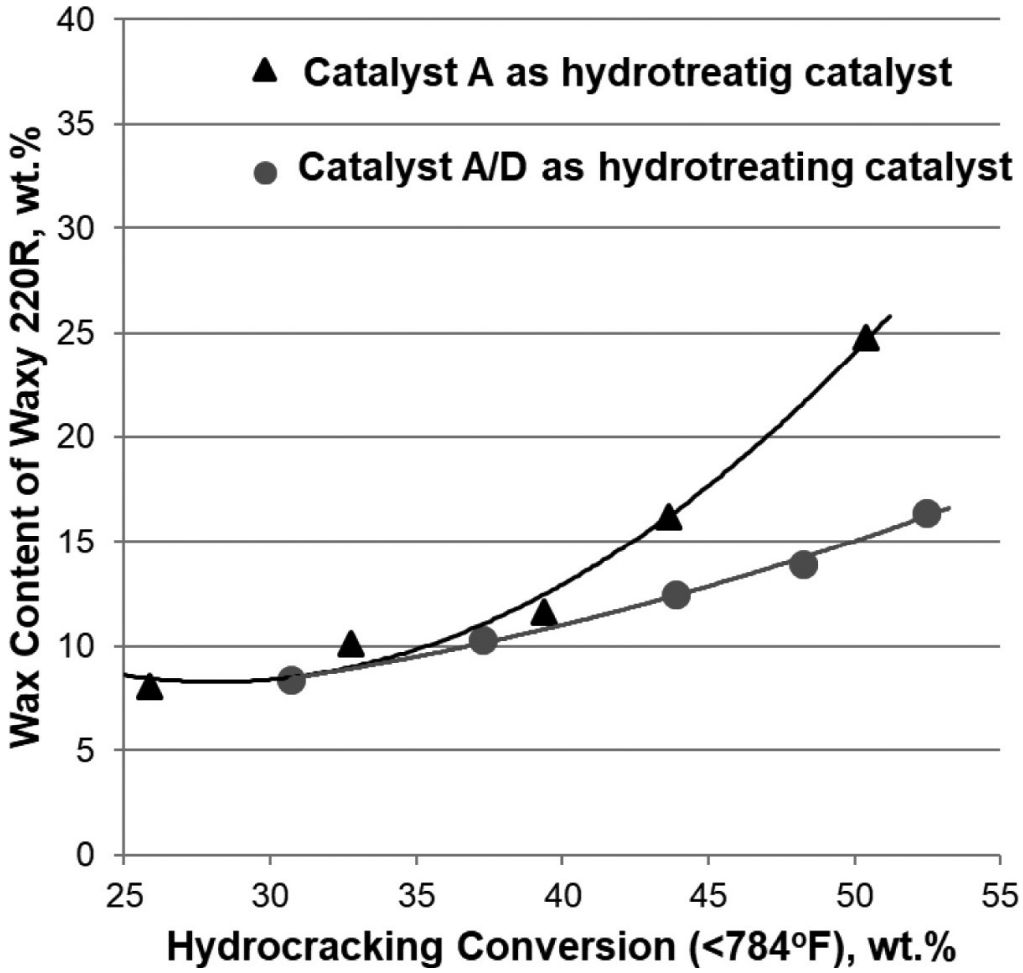
Catalyst A as hydrotreatig catalyst
Catalyst A/D as hydrotreating catalyst
Wax Content of Waxy 220R, wt.%
Hydrocracking Conversion (<784°F), wt.%
0
5
10
15
20
25
30
35
40
25
30
35
40
45
50
55

FIG. 3