



World Leader in Catalyst Services

TRICAT XpresS Self Heating Characterization

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Type of sample: Typical Ni/Mo Quadralobe Hydrotreating Catalyst
 Identification: S107
 Job: XpresS PreActivation
 Job No.: 02.2.031
 Date received: March 6th, 2002
 Sample Weight: 115 g.

Time	Toven	Toven	Toven	Tcat.	Tcat.	Tcat.	Rise in T50	Rise in T50	Rise in T50
0,25h	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)	(°C)
				Toven 50°C	Toven 75°C	Toven 100°C	Toven 50°C	Toven 75°C	Toven 100°C
0	50	75	100	30	59	30	-20	-16	-70
1	50	75	100	44	72	73	-6	-3	-27
2	50	75	100	50	79	97	0	4	-3
3	50	75	100	53	82	114	3	7	14
4	50	75	100	55	83	120	5	8	20
5	50	75	100	55	83	117	5	8	17
6	50	75	100	55	82	113	5	7	13
7	50	75	100	56	81	109	6	6	9
8	50	75	100	55	81	107	5	6	7
9	50	75	100	55			5	-75	-100
10	50	75	100	55			5	-75	-100
11	50	75	100	55			5	-75	-100
12	50	75	100				-50	-75	-100
13	50	75	100				-50	-75	-100
14	50	75	100				-50	-75	-100
15	50	75	100				-50	-75	-100
16	50	75	100						
17	50	75	100						
18	50	75	100						

<i>Max. Delta T °C</i>	6	8	20
<i>Loss Sulfur % abs.</i>	0	0	0.1

