

FINDS Catalyst Articles Index 1986 - 2000

Q	Year	Title	Author	Topic
1Q	1989	New Methanol Synthesis Catalyst	H. Roos	BASF catalyst improvements
3Q	1989	Catalyst Activity Improvements	R. Habermehl	Catalyst activity improvements - lab tests
4Q	1989	Ammonia, Hydrogen, Methanol, Catalyst Manufacturing in the 1990s	R. Habermehl	Ammonia catalysts; manufacturing; statistical process control
4Q	1989	A New Generation of Methanol Synthesis Catalyst	D. Kitchen, K. Mansfield	New formulation and manufacturing procedure
1Q	1990	New HTS Catalysts for Ammonia Plants	P. S. Pederson, J.H. Carstensen	New catalysts
1Q	1990	Selecting Replacement Catalyst	R. Habermehl	LTS catalyst; importance of particle size
2Q	1990	The Cost of Ammonia Catalysts	L. Lloyd	How to choose your catalysts
3Q	1990	Catalyst Development	L.Lloyd	Some historical highlights
4Q	1990	New Developments in High Temperature Shift Catalysts	R. E. Stockwell	HTS catalyst
4Q	1990	Poisons Affect Catalyst Selection	L. Lloyd	Influence of poisons
1Q	1991	Sulfur Passivated Catalyst Gives Reformer a New Life	D.C.Hansen, J.A. Stal	Reforming catalyst
1Q	1991	Low Temperature Shift Catalyst Lab Results Versus Commercial Performance	R. Habermehl	LTS activity
2Q	1991	Ammonia Oxidation Catalyst	S. A. Heffernen	Catalyst deactivation
2Q	1991	Ammonia Plant Advanced Control and Optimization	G. Moser	Process control
2Q	1991	Methanol Catalyst Update	H. Roos	Operating experience update
2Q	1991	Reformer Catalyst Design	L.Lloyd	Shape discussion
3Q	1991	Pre-Reforming in Ammonia and Methanol Plants	J. Foreman	Pre-reforming catalyst
4Q	1991	LTS Catalyst	R.Habermehl	Lab activity versus plant performance
1Q	1992	Sulfur, Primary Reforming, and Pre-Reforming	L. Storgaard, J.H.B. Hansen, P.S. Pedersen	Nickel catalyst
1Q	1992	Catalyst Care Program	J. K. Smith	Catalyst disposal
1Q	1992	Converting Ammonia Plants to Co-Produced Methanol	F. Brown	The process options
2Q	1992	Predicting Reformer Tube-Wall Temperatures	R. Habermehl	Catalysts and tube-wall temperatures
2Q	1992	Knitted Catalyst	B.T. Horner, S.A. Heffernen, W.A. Hochella	Ammonia oxidation
3Q	1992	Entering Catalyst Vessels	W.C. Taylor, B. Shoemaker, F. Sasse	Safety
4Q	1992	A CO Shift Catalyst for Partial Oxidation Syngas	H. Schafer	Partial oxidation plants
4Q	1992	Shift Catalyst Activity	R.Habermehl	Explains activity calculation
4Q	1992	Pre-Reforming Catalyst	W. Verduijn	Data from pre-reforming
4Q	1992	Converting Ammonia Plants to Produce Methanol	E. Supp, A. T. Wechsler	The Cyanamid plant conversion
1Q	1993	Testing Used Reformer Catalysts: Activity Versus Surface Sulfur	R. Habermehl	New analytical technique for sulfur
1Q	1993	Precious Metals Update	G.H. Bassett	Metal market data
2Q	1993	Refoming Catalyst Activity	R. Habermehl	Laboratory testing
2Q	1993	Nitric Acid Catalyst	W. A. Hochella	Catalyst performance
3Q	1993	Reforming Catalyst Activity	R. Habermehl	Recent improvements
4Q	1993	80 Years of Ammonia Production in Ludwigshafen	G. H. Wolfe	Iron ammonia synthesis catalyst
4Q	1993	30th Anniversary of LT Shift Catalyst	R. Habermehl	Catalyst and Chemicals' C-18
4Q	1993	Ruthenium's First Anniversary	T.Czuppon, S.A. Knez	Ocelot and British Petroleum
1Q	1994	Primary Reformer Catalyst Loading	M.E. Bischoff	Vibration-assisted loading
2Q	1994	Precious Metals Update	G.H. Bassett	Metal market data
2Q	1994	Reformer Catalysts	R. Habermehl	Activity improvement last 20 years
3Q	1994	Ammonia Plant Catalyst Costs in 1979 and 1994	R. Habermehl	1979 versus 1994
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3Q	1995	Catalyst Recycling	Z. Macrunnels	Using HTS and ammonia catalysts in bricks
3Q	1995	Co-Producing Methanol	K. Elkins	Process options
1Q	1996	LTS Catalyst	R. Habermehl	Chloride guard experiences
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2Q	1996	Kellogg Trinidad Ammonia Plants	R. LeBlanc	Status report
2Q	1996	Trinidad's Latest Methanol Plants	Editor	Status report
3Q	1996	Catalysts 1986 to 1996; Then and Now	R. Habermehl	Last 10 years' developments
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1Q	1997	Ammonia Converters; Internal Steam Generation	E. Filippi	General
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4Q	1998	Recent Primary Reformer Catalyst Experiences	R.Habermehl	Compare catalyst size
4Q	1998	HTS Catalyst	I. Barton	Unusual Temperature Excursions
4Q	1998	Conversion of an Ammonia Plant to Methanol Production	M.Sosna et al	How to do it
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3Q	1999	Summing Up the Millennium, Part 1	R.Habermehl	Summary of catalyst developments
3Q	1999	Secondary Reformer Burner Upgrade	P. Farnell	Catalyst damage
4Q	1999	Summing Up the Millennium, Part 2	R. Habermehl	Part 2 of catalyst round-up
4Q	1999	Improved Catalyst Expands Pre-Reforming Envelope	S. Littlewood, D. Tapasvi	CRG catalyst
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3Q	2000	Choosing the Right LTS Catalyst	J.Richardson	Ammonia and hydrogen plants
4Q	2000	Correcting a Pressure Drop Problem	K. Blanchford, S. Noe, E. Plaxco	KAAP