

LUCANT™

- Hydrocarbon Synthetic Oil, Viscosity Modifier -

Acid Modified Grades/LUCANT™ A-Series



Mitsui Chemicals

Grade Lineup of LUCANT™ A-Series

			A-5515	A-5260	A-5320H
Base LUCANT™			LX020	LX100	LX400
Density	Kg/m ³	20°C	878	860	860
Viscosity	mPa.s	40°C	16,000	10,800	>50,000
		150°C	70	160	680
Mn		GPC	3,900	5,400	8,800
Mw		PSt std.	7,200	10,300	17,200
Mw/Mn			1.8	1.9	2.0
Total Acid Number	mgKOH/g		60	25	35

Acid Content in LUCANT™ A-Series

Base LUCANT™	Number average of polar group/molecule				
	0.25	0.5	0.75	1.0	1.25
LX020				✓A-5515 (0.86)	
LX100		✓A-5260 (0.54)			
LX400				✓A-5320H (1.06)	

Base LUCANT™	Polar group content [wt%]				
	2.0	3.0	4.0	5.0	6.0
LX020				✓A-5515 (5.0)	
LX100	✓A-5260 (2.0)				
LX400		✓A-5320H (3.0)			



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