

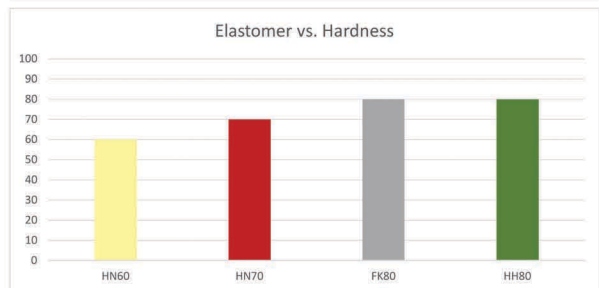
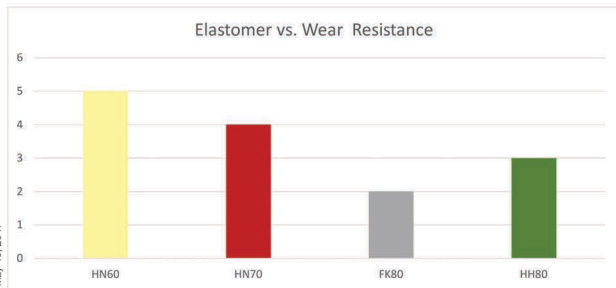
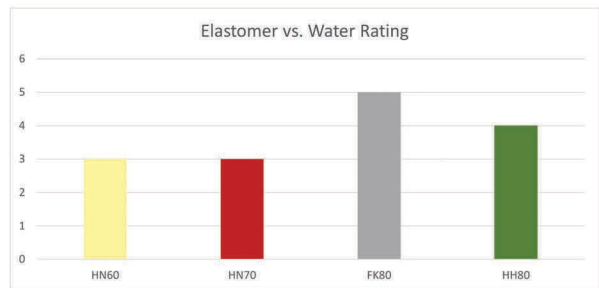
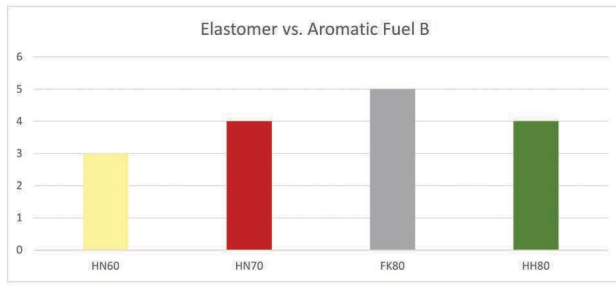
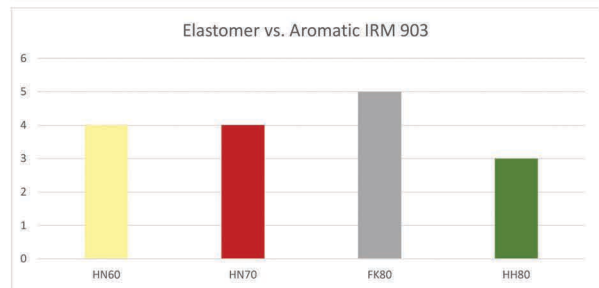
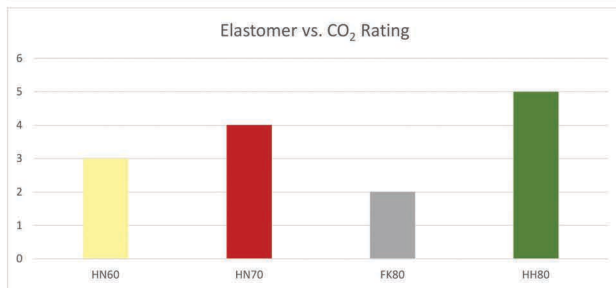
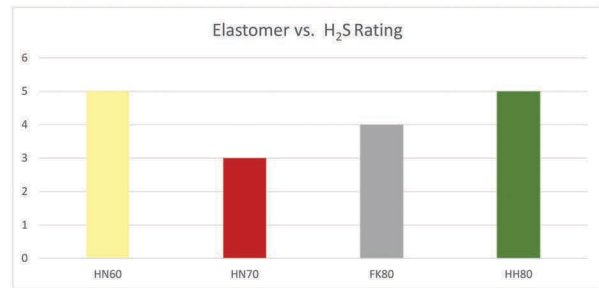
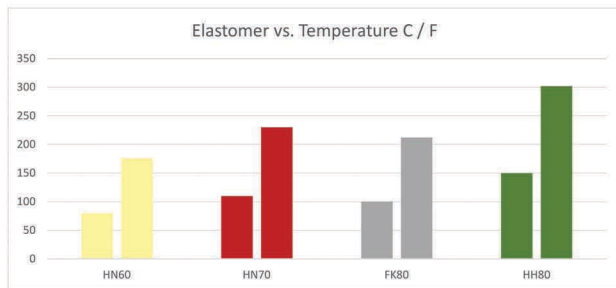


# ELASTOMER SELECTION GUIDE

Elastomer Name	Elastomer Type (ISO)	Application	Temperature Limit		Chemical Resistance					Mechanical Properties	
			F	C	H <sub>2</sub> S	CO <sub>2</sub>	IRM 903	Fuel B	Water	Wear Resistance	Hardness (shore A)
HN60	High Nitrile (NBR)	Very good oil resistance Excellent mechanical and dynamic properties Good in high aromatic's	176	80	5	3	4	3	3	5	60
HN70	High Nitrile (NBR)	Very good oil resistance Excellent mechanical and dynamic properties Very good in high aromatic's	230	110	3	4	4	4	3	4	70
FK80	Perfluorocarbon (FKM)	Excellent oil resistance Good mechanical and dynamic properties Excellent in high aromatic's	212	100	4	2	5	5	5	2	80
HH80	Hydrogenated Nitrile (HNBR)	Very good oil resistance Good mechanical and dynamic properties Very good in high aromatic's	302	150	5	5	3	4	4	3	80

Information subject to change. Please contact your MANTL representative for additional information.  
Based on ISO15136 testing.

5 Excellent 4 Very good 3 Good 2 Fair 1 Poor



May 10, 2017