



# MAG 1 DOT 3 Liquido Superior de Frenos

MAG 1 Liquido Superior de Frenos provee un margen adicional de seguridad par cumplir y exceder las Normas Federales de Seguridad de Vehículos de Motor (FMVSS) No. 116 (DOT 3) y las especificaciones de la Sociedad de Ingenieros Automotrices (SAE) J1703 .



**Parte # 121**  
**Orden # 8804**

Contiene	6/1 Gal. (3.78 L)
Artículo #	MG20BF6P
Código UPC de pieza	0-71621-00121-9
Código UPC de caja	0-71621-00192-2
Código SCC	1-00-71621-00121-6
Dimensiones de paquete	16 pulgadas de largo x 13.5 pulgadas de ancho x 12.25 pulgadas de altura
Paquete Cúbico (pies cubicos)	1.53
Peso del paquete (libras)	55.4
Peso de la paleta (libras)	2044.4
Apilamiento	36 Cajas (3 grupos de 12)

## Typical Inspection Data

	FMVSS No. 116 Specification	SAE J1703 Specification	MAG 1 Premium Typical
Equilibrium Reflux Boiling Point, °C (°F) min.	205 (401)	205 (401)	234 (450)
Wet Equilibrium Reflux Boiling Point, °C (°F) min.	140 (284)	140 (284)	146 (294)
Kinematic Viscosity, at 40 °C, cSt max.	1500	1800	1029
at 100 °C, cSt min.	1.5	1.5	2.0
pH	7-11.5	7-11.5	9.7
<b>Fluid Stability</b>			
High Temperature Stability, °C change, max.	3	5	2.2
Chemical Stability*, °C change, max.	3	5	3.4
Corrosion weight change, mg/cm <sup>2</sup> , max.			
Tinned Iron	.02	.02	0.01
Steel	.02	.02	0.02
Aluminum	.01	.01	0.01
Cast Iron	.02	.02	0.04
Brass	.04	.04	0.07
Copper	.04	.04	0.09
Zinc	.04	.04	0.08
<b>Fluidity at low temperature, sec., max.</b>			
Inversion time at -40 °C	10	10	2.1
Inversion time at -50 °C	35	35	5.0
<b>Evaporation at 100 °C</b>			
Loss in weight, % max.	80	80	50.5
Pour point of residue. °C max.	-5	-5	<-5.0
<b>Water tolerance</b>			
Inversion time at -40 °C, sec., max.	10	10	3.5
Sedimentation at 60 °C, vol. %, max.	0.15	0.15	0.0
<b>Compatibility</b>			
Sedimentation at 60 °C, vol. %, max.	0.05	0.05	<0.05
<b>Resistance to oxidation - Wt. change, mg/cm<sup>2</sup>, amx.</b>			
Aluminum	0.05	0.05	0.01
Cast Iron	0.3	0.3	0.03
<b>Effects on rubber cups at 70 °C</b>			
Base diameter increase, mm	0.15-1.4	0.15-1.4	0.01
Hardness decrease, IRHD, max.	10	10	2.3
<b>Effects on rubber cups at 120 °C</b>			
Base diameter increase, mm	0.15-1.4	0.15-1.4	0.02
Hardness decrease, IRHD, max.	15	15	3.8
<b>Stroking Properties</b>	Pass	Pass	Pass

\*When DOT 3 brake fluid is tested, the change in temperature of the refluxing fluid mixture shall not exceed 3.0 °C (5.4 °F) plus 0.05°C for each degree that the Equilibrium Reflux Boiling Point (ERBP) of the fluid exceeds 225 °C.

Un producto de Warren Performance Products

Warren Distribution • 727 South 13th St., Omaha, Nebraska, U.S.A. • 800-825-1235 • 402-341-9397 • FAX: 402-977-5881