

NEO Synthetics

{PERFORMANCE UNDER PRESSURE}

NEO SUPER DOT 610 BRAKE FLUID



Product Data Sheet – NEO Synthetics High Performance Motor Oils

NEO Super Dot 610 brake fluid is a DOT 4 Motor Vehicle Brake Fluid for use in motor sport and other applications.

It is suitable for all disc and drum brake systems with the exception of those for which mineral oil is prescribed. NEO Super Dot 610 is a maximum performance product. It has a typical wet boiling point of 421°F (216°C) greatly in excess of the DOT 4 minimum requirement of 311°F (155°C); its typical dry boiling point of 598°F (314°C) is typically higher than any other glycol based brake fluid produced worldwide and exceeds the DOT 4 minimum requirement of 446°F (230°C).

NEO Super Dot 610 is of special value where extreme brake conditions are encountered. NEO Super Dot 610 meets and/or exceeds all current US Federal Standards FMVSS 116 for DOT 3, DOT 4, and current SAE J1703 and J1704.

NEO Super Dot 610 is miscible with all conventional brake fluids complying with those standards. However,

mixing NEO SD610 and conventional brake fluids will reduce the benefits of NEO Super Dot 610, therefore it is highly recommended all conventional brake fluid be purged from the system prior to flushing and refilling with NEO Super Dot 610.

Dry boiling point is after the initial moisture boil-off. The low vapor rate of NEO Super Dot 610 reduces the possibility of vapor lock in the braking system and its extremely low hygroscopic nature maintains superior brake system performance for a longer life cycle.

This combined with its high temperature, low compressibility and heightened resistance to corrosion allow NEO Super Dot 610 to out perform and outlast any other brake fluid on the market today.

WARNING: Harmful if swallowed. Obtain medical attention immediately. Contains Glycol Ether and Borate Ester. Avoid eye and skin contact. If contact occurs flush thoroughly with water. Keep out of reach of children.

Specifications	Value
Dry Boiling Point (typical)	598°F - 314°C
Wet Boiling Point (minimum)	421°F - 216°C
Viscosity @ -40°F (-40°C)	<1500
Viscosity @ 212°F (100°C)	>2.5
Density @ 68°F (20°C)	8.91 lbst al
pH	>7
High Temperature Stability	2°F 1°C
Low Temperature Fluidity @ -40°C & -50°C	Pass
Compatibility W/Rubber Components	Pass
Corrosiveness	Pass
Resistance to Oxidation	Pass