



Product Data Sheet

Brake Fluid DOT 3 Brake Fluid

DESCRIPTION

Nemco Heavy Duty Brake Fluid is designed for use in the hydraulic brake systems of all cars, trucks and other motor vehicles made in North America, and can also be used in foreign made vehicles that call for a DOT 3 Brake Fluid. Nemco Brake Fluid is designed for disc and drum brakes. This product is purchased from one of North America's largest brake fluid manufacturers and is the same product that is used for the factory fill in most American-made cars. Nemco Brake Fluid is compatible with the various metal components found in the cylinders and tubing that make up the brake system. Nemco Brake Fluid will not cause corrosion of these metals. This product is compatible with non-metallic parts, such as the rubber hoses at the wheels and the rubber cups on the pistons. Nemco Brake Fluid contains a lubricant to limit the wear between the rubber cups and the cylinder walls.

Advantages

- Proven, historical track record - More than 50 years of material science and application expertise
- Formulated for high performance and long life brake service
- Broad product offering, usable in almost all vehicles calling for DOT 3 Brake Fluid

Meets and/or exceeds

- Nemco Brake Fluid meets and exceeds all standard, ABS, T/C, ESP, and electronic braking systems and the requirements of the following specifications for a DOT 3 brake fluid: FMVSS / CMVSS 116, SAE J1703, and ISO 4925
- OEM Specifications: Our premium products are fully tested and certified to meet and exceed technical specifications and standard requirements including FMVSS 116, DOT 3 SAE J1703 and ISO 4925

Notes

- Nemco Brake Fluid should be stored in its original container until use. Brake fluids are hygroscopic by nature, and containers should be kept sealed to prevent the absorption of moisture.
- Nemco Brake Fluid has a recommended shelf life of up to 3 years from the manufacture date.
- DOT 3 Brake Fluids have many years of service as the standard brake fluid. There are some new Brake Fluid options, including DOT 4, DOT 5.1 and DOT 5. While Dot 3 Fluids are compatible with



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DOT 4 and DOT 5 fluids are compatible, systems requiring DOT 4 or DOT 5.1 fluids should use DOT 3 only when short term top-up is necessary, and replacing with the proper DOT 4 or 5.1 fluid when possible. DOT 5 fluids are Silicon based and not compatible with DOT 3, DOT 4 or DOT 5.1 fluids.

Typical Characteristics – Nemco Brake Fluid, Dot 3

Test	Performance
Colour	Pale Yellow
Specific gravity 15.6°C(g/cm ³)	1.05
pH	9.9
Viscosity cSt @ 100°C cSt @ -40°C	2.1 1200
Equilibrium reflux boiling point Dry, (205°C or 401°F are minimum allowed) Wet, (140°C or 284°F are minimum allowed)	254 (490) 152 (306)
Elastomer compatibility	Pass
Corrosion protection	Pass
Oxidation resistance	Pass