# Engen Super Hydraulic Brake & Clutch Fluid Dot 4+

*Heavy Duty Synthetic Brake Fluid*

## Description

Super Hydraulic Brake & Clutch Fluid Dot 4+ is a heavy duty synthetic brake fluid blended mainly from glycol ethers and poly-glycols. It also contains corrosion and oxidation inhibitors to enhance its natural corrosion- and chemical stability.

Super Hydraulic Brake & Clutch Fluid Dot 4+ exceeds the following industry standards: FMVSS No 116 Dot 3/Dot 4, SAE J1703/J1704, ISO 4925 Class 4 and SANS 1905:2007. It also exceeds the requirements of the South African Government's Compulsory Standard Specification (Gazette No. 4562) and passes all important tests specified for brake fluids, e.g. fluidity at low temperatures, evaporation, water tolerance, compatibility, resistance to oxidation and effect on rubber.

## Application

Super Hydraulic Brake & Clutch Fluid Dot 4+ is recommended for use in both disc and drum brake systems requiring both Dot 3 and Dot 4 fluids. It is also used in clutch hydraulic systems.

**WARNING:** Keep brake fluid clean as contamination with dirt, water, petroleum products or other materials may result in brake and clutch failure. Keep the container clean and tightly closed to prevent absorption of moisture. If brake fluid is swallowed, get medical attention immediately. In case of eye contact, flush with water and get medical attention immediately. Wear Personal Protective Equipment (PPE) where there is a risk of exposure to the fluid. Use in a well-ventilated area.

**BE ENVIRONMENTALLY RESPONSIBLE.**
**CAUTION: KEEP OUT OF REACH OF CHILDREN**

## Benefits & Features

- Firm braking pressure under all service conditions.
- Excellent chemical stability and freedom from gummy deposits.
- High boiling point to prevent vapour forming in brake systems.
- Protects metals and rubber used in hydraulic brake and clutch systems.
- Compatible with other fluids meeting Compulsory Government Standards.

## Performance Level

Meets or exceeds the following Industry Standards:
- FMVS No. 116 DOT 3/Dot 4
- SAE J 1703/1704
- ISO 4925 Class 4
- SANS 1905 :2007

## Typical Physical Characteristics

| ENGEN SUPER HYDRAULIC BRAKE & CLUTCH FLUID | | | |
|---|---|---|---|
| **PARAMETERS** | **METHODS** | **UNITS** | **TYPICAL VALUES** |
| Appearance | Visual | - | Pale Straw |
| Equilibrium Reflux Boiling Point | FMVSS 116 | °C | 264 |
| Wet Boiling Point | FMVSS 116 | °C | 190 |
| Viscosity @ -40°C | FMVSS 116 | cSt | 1200 |
| Viscosity @ 100°C | ASTM D445 | cSt | 2.2 |
| pH Value | ASTM D1287 | - | 7.0 – 11.5 |

*All technical data is provided for reference only. These characteristics are typical of current production. Whilst future production will conform to Engen's specification, variations in these characteristics may occur.*

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## Health, Safety and Environment

This product is unlikely to present any significant health and safety hazards when used in the recommended application. Avoid contact with skin. Wash immediately with soap and water after skin contact. Do not discharge into drains, soil, or water. For further detail regarding storage, safe handling, and disposal of product, please refers to Product SDS. Safety Data Sheets are available for all our products and should be only be consulted for appropriate information regarding storage, safe handling, and disposal of the product. No responsibility shall be taken by either Engen or its subsidiaries and related holding corporation for any loss or injury or any direct, indirect, special, exemplary, consequential damages or any damages whatsoever, whether in action of contract, negligence or other tortuous action, in connection or resulting from abnormal use of the materials and/or information, from any failure to adhere to recommendations, or from hazards inherent in the nature of the materials and/or information. All products, services and information supplied are under our standard conditions of sale. Please consult with any of our local representatives in the event you require any further information.

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