



# DUCKHAMS BRAKE FLUID DOT 5.1

DUCKHAMS BRAKE FLUID DOT 5.1 provided the level of brake and clutch for heavy duty disc and drum brake designed for used in both brake and clutch. Performance is higher with premium Boiling Point above 500oF, Brake Fluid DOT 5.1 does not cause corrosion and also has high-quality international standard SAE J1705, FMVSS No 116 DOT 5.1 and DOT 5.1 ESP

## Meet Performance :

- SAE J1705
- FMVSS No 116 DOT5.1, DOT 5.1 ESP
- ISO 4925 Class 5.1, Class 6 & Class 7

## Applications :

- Suitable for hydraulic brake system, hydraulic clutch systems.
- Suitable for high performance, racing, EV car
- Suitable for vehicles equipped with electronic control system is ABS, BA, VSC and etc.
- Stop and go condition with potentially generating high temperature in brake system

## Features and Benefits :

- Resistant to high temperatures, High Boiling Point to help prevent vapour lock
- Corrosion Protection, Brake Fluid DOT5.1 protects internal components from corrosion.
- Not reacting to rubber and components in the brake system rubber seal not shrink or expand, too.
- Can be accidentally mixed with other brake ie DOT3, DOT4 but not recommend.
- Very high wet boiling point with less water absorption. Provides higher brake efficiency during raining season.

## Typical Properties :

| Properties                                   | Test Method | Typical value |
|--|-------------|---------------|
| Specific Density @20/20 deg C                | DM40        | 1.033         |
| ERBP (Equilibrium Reflex Boiling Point)      | SAE J1704   | 270           |
| WERBP (Wet Equilibrium Reflex Boiling Point) | SAE J1704   | 185           |
| Water content                                | Karl Fisher | 0.1           |
| pH value                                     | SAE J1704   | 9.5           |
| Viscosity at -40°C                           | SAE J1704   | 720           |
| Viscosity at 100°C                           | SAE J1704   | 2.04          |

These descriptions are typical of current production. Whilst future production will conform to Duckhams' specification, variations in there description may occurs.

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use.

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