Technical Data Sheet

Shell **Brake and Clutch Fluid DOT 3**

Premium, high performance DOT 3 brake fluid

Shell Brake and Clutch Fluid DOT 3 is a heavy duty brake system and hydraulic clutch fluid for systems requiring a FMVSS No 116 DOT 3, ISO 4925 Class 3, or many other equivalent specifications in a glycol (polyglycol-ether) brake fluid.

DESIGNED TO MEET CHALLENGES

Performance, Features & Benefits

- **High Boiling Point**
  Shell Brake and Clutch Fluid DOT 3 exceeds requirements for wet and dry equilibrium reflux boiling points (Wet ERBP and Dry ERBP) to help prevent vapour lock resulting from boiling of the brake fluid.
- **Corrosion Protection**
  Shell Brake and Clutch Fluid DOT 3 protects internal components from corrosion under normal use and service.

Main Applications

- Suitable for applications requiring a DOT 3 performance level brake fluid.
- Passenger cars up to medium trucks of a variety of makes and models.
- Hydraulic brake systems.
- Hydraulic clutch systems

Specifications, Approvals & Recommendations

- USA FMVSS No. 116 DOT 3
- ISO 4925 Class 3
- JIS K 2233 Class 3
- AS/NZ 1960 Class 1
- SAE J1703

For a full listing of equipment approvals and recommendations, please consult your local Shell Technical Helpdesk.

Typical Physical Characteristics

Properties			Method	Shell Brake and Clutch Fluid DOT 3
Kinematic Viscosity	@40°C	mm^2/s	FMVSS 116	700-1250
Kinematic Viscosity	@100°C	mm^2/s	FMVSS 116	1.9
Density	@20°C	kg/m^3	ASTM D4052	1 038
Water Content		% maximum	ASTM D1364	0.2
pH (FMVSS No 116)			5.14	9.6
Dry ERBP (FMVSS No. 116)		°C	5.11	250
Wet ERBP (FMVSS No. 116)		°C	5.12	149

These characteristics are typical of current production. Whilst future production will conform to Shell's specification, variations in these characteristics may occur.

Health, Safety & Environment

- **Health and Safety**

  This product is unlikely to present any significant health or safety hazard when properly used in the recommended application and good standards of personal hygiene are maintained.

  Avoid contact with skin. Use impervious gloves with used oil. After skin contact, wash immediately with soap and water.

  Guidance on Health and Safety is available on the appropriate Safety Data Sheet, which can be obtained from https://www.epc.shell.com

- **Protect the Environment**

  Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Additional Information

- **Advice**

  Advice on applications not covered here may be obtained from your Shell representative or technical helpdesks.