



## GUARD 4

### PRODUCT DESCRIPTION:

GUARD 4 is made from high molecular weight polyalkylene glycol ethers and borate esters, to give a high boiling point fluid of DOT 4 quality. The formulation has been developed such that the vapour lock point can be sustained at a higher level than conventional glycol ether-based fluids during the service life of the product. It contains inhibitors to prevent the corrosion of metallic brake components and to reduce oxidation at increased temperatures.

### APPLICATION:

Can be used for vehicles with anti-lock (ABS) braking systems, hydraulic clutch systems requiring conventional fluids. It is recommended for passenger cars, commercial road transport, off-highway vehicles, agricultural tractors and motorcycles requiring DOT 4, SAE J1704 or

ISO 4925 Class 4 fluid.

GUARD 4 is miscible and compatible with high-quality DOT 3 and DOT 4 brake fluids. The optimal period of use for this brake fluid is, however, only ensured when it is used alone. It is recommended that the brake fluid be changed in accordance with the specifications from the vehicle manufacturer.

### FEATURES & BENEFITS

- Excellent elastomer compatibility
- Assures a high degree of lubricating action on all moving components in the hydraulic brake circuit
- Extremely high wet and dry boiling points
- Excellent viscosity/temperature properties
- Excellent braking response due to high boiling point of fluid
- Highest thermal stability

### PERFORMANCE LEVELS / MEETS OR EXCEEDS:

- FMVSS 116 DOT 3 and DOT 4
- SAE J 1703 and J 1704
- ISO 4925 (Classes 3 & 4)
- JIS K 2233

### TYPICAL PERFORMANCE:

PARAMETERS	ASTM	UNIT	GUARD 4 (Typical Specification)
DRY ERBP	D-1120	°C	236
WET ERBP	D-1120	°C	160
Kinematic Viscosity @ 100C	D-445	-	2.10
Density @20°C	D-1298	g/cm <sup>3</sup>	1.045
Kinematic Viscosity @ -40C	D-445	°C	1650
pH	D-1287	°C	8.2

### HEALTH & SAFETY, ENVIRONMENT:

Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further information on Safety Guidelines please refer to MSDS available on our website [Phoenixlubricants.com](http://Phoenixlubricants.com)