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UNITED GLYCOL BRAKE FLUID DOT 4 LV

Product Description

Brake Fluid DOT 4 LV formulated to deliver reliable and consistent braking performance under a wide range of operating conditions. It features a high equilibrium reflux boiling point of ≥250°C and wet boiling point of ≥165°C, providing a higher boiling point that effectively minimizes the risk of vapor lock (fluid boiling into gas bubbles), withstands elevated braking pressure and temperature under higher torque and high horsepower, and ensures stable braking performance.

The product offers low viscosity with excellent low-temperature fluidity, ensuring faster brake response and reliable operation, particularly in vehicles equipped with ABS (Anti-Lock Brake System) and ESP (Electronic Stability Program) systems. It also provides strong resistance to oxidation and corrosion, protecting against rust formation in the brake pump and other critical components, extending the service life of the braking system. Excellent compatibility with rubber materials, ensuring seals, hoses, and brake cups remain intact. Suitable for low-temperature climates and high-altitude regions where reliable braking performance is essential.

Applications / Benefits

* Suitable for ABS and ESP systems
* Ensuring brake balance under higher torque and high housepower
* Excellent rubber compatibility; will not corrode the brake cup
* Outstanding rust resistance; will not corrode the brake pump

Typical Characteristics

Test Description	Method	Unit	
Equilibrium Reflux Boiling Point	-	ºC	260
Wet E.R. Boiling Point	-	ºC	170
Kinematic Viscosity @ -40ºC	ASTM D 445	mm2/s	700
Kinematic Viscosity @ 100ºC	ASTM D 445	mm2/s	2
Effect on brake cups @ 70ºC	-	-	NIL
Effect on rubber @ 120ºC	-	-	NIL
Color	-	-	Neutral

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Meet the Following Requirement

*	GB	12981-2012HZY
*	GB	12981-2012HZY6
*	ISO	4925-2020 CLASS 6

Reference No.
BFDOT4LVREV0

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