STOP 4

PRODUCT DESCRIPTION:

STOP is high quality synthetic brake and clutch fluids conforming to the DOT4 specifications and are based on polyglycol type fluids that is a general standard used in worldwide automotive brake equipment. Fluidity is specially designed for antilocking brake system (ABS).

APPLICATION:

For use in applications requiring disc, drum and anti-skid braking systems used in vehicles requiring DOT 4.

FEATURES & BENEFITS:

- High wet boiling point
- Excellent low temperature stability
- Good temperature viscosity performance Excellent corrosion protection
- Compatibility with different rubber seals.
- Excellent thermal stability

PERFORMANCE LEVELS: Meets and Exceeds:

- FMVSS 116 DOT4
- SAE J1703
- ISO 4925(Class 4)
- JIS K 2233

TYPICAL PROPERTIES:

	CHARACTERISTICS	LUBREX STOP 4 (BRAKE FLUID DOT 4)		METHOD
		TYPICAL	ACTUAL	
1	**Appearance and Odor**	Homogeneous transparent liquid from colorless to light brown without sediment, a slight opalescence is permissible	Corresponds	ТУ 24.6-14215951.002-2002, П. 6, 2
2	**Kinematic Viscosity, mm^2/s** - at - 20±1 °C, max - at +100±5°C, min	 1800 1.5	 1800 2,2	ТУ 24.6-14215951.002-2002, П. 6, 3
3	**Low Temperature Properties:** (a) Condition after Exposure Time at -(50±2) °C within (6.0±0.5) hrs - Appearance - Bubble flow time, s, max	 Transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible 35	 Corresponds 27	ТУ 24.6-14215951.002-2002, П. 6, 4
4	**Boiling Point** at 101.3 kPa, °C, min	230	237	ТУ 24.6-14215951.002-2002, П. 6, 5
5	Stability at High Temperatures, °C, max	3	2	ТУ 24.6-14215951.002-2002, П. 6, 7
6	**Effect on Rubber:** (a) Rubber Volume Change: type 7-2464 at (70±2), °C, %, max (b) Rubber Appearance Change **pH Index** **Interaction with Metals** at (100±2) °C within (120±2) hrs (a) Metal Strip Weight Change, mg/sm2, max: - Tinned Iron - Steel - Aluminium Alloy - Cast Iron - Brass - Copper (b) Appearance of Metal Strips (c) Brake Fluid States (d) pH Index after test **Compatibility with Water:** (a) at (40±1) °C within (24±2) hrs - Appearance - Bubble Flow Time, s, max (b) at (60±2) °C within (24±2) hrs - - Appearance	 10 No tackiness and flaking 7.0-11.5 0.2 0.2 0.1 0.2 0.4 0.4 Absence of any macroscopic pitted or roughened signs of corrosion, absence of crystal dropouts. Easily removed by a cloth patina and color change of brass and copper strips are permissible. Absence of any blobs or crystals on the strips and vessel walls. Darkening is permissible. 7.0-11.5 Transparent liquid from colorless to light-brown with out sediment, a slight opalescence is permissible. 10 Transparent liquid from colorless to light-brown with out sediment, a slight opalescence is permissible.	 7 Guaranteed 10,0 0, 02 0, 01 0, 02 0, 06 0, 06 0, 03 Guaranteed Guaranteed 10,8 Guaranteed 8 Guarantee	ТУ 24.6-14215951.002-2002, П. 6, 8 ТУ 24.6-14215951.002-2002, П. 6, 10
7	**Evaporation *:** (a) Volatiles, %, max (b) Residue on Evaporation - at (23+-5) °C - at (5+-1) °C	 80 No Solid Particles Mobile	 59 Guaranteed Guaranteed	ТУ 24.6-14215951.002-2002, П. 6, 12 ТУ 24.6-14215951.002-2002, П. 6, 13 ТУ 24.6-14215951.002-2002, П. 6, 14
8	**Mechanical Impurities *:**	None	Guaranteed	ТУ 24.6-14215951.002-2002, П. 6, 15

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 www.lubrex.net