



STOP 3

STOP is high quality synthetic brake and clutch fluid conforming to the DOT3 specifications and are based on polyglycol type fluids that is a general standard used in worldwide automotive brake equipment. Fluidity is specially designed for anti locking brake system (ABS).

#	CHARACTERISTICS	NORM	FACT
1	Appearance and Odor	Uniform transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible	Uniform transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible
2	Kinematic Viscosity , mm²/s		
	@ -40±1 °C, max	1800	1300
	@ +100±5 °C, min	2	2.2
	Low Temperature Properties:		
	(a) Condition after exposure time at - (40±2) °C within (144±4) hrs		
	appearance	Transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible	Transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible
	bubble flow time, s, max	5	2
3	OR:		
	(b) Condition after exposure time at - (50±2) °C within (6.0±0.5) hrs		
	appearance	Transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible	Transparent liquid from colorless to light-brown without sediment, a slight opalescence is permissible
	bubble flow time, s, max	8	3
4	Boiling Point at 101.3kPa, °C, min	205	241
5	Wet Boiling Point at 101.3 kPa, °C, min	140	150
6	Stability at high temperatures, °C, max	3	0.9
	Effect on Rubber:		
	(a) Rubber volume change		
	type 7-2464 at (70±2), °C, %, max	0-10	1.3
	type 51-1524 at (125±2), °C, %, max	0-10	2.6
	(b) Rubber appearance change	No tackiness and flaking	No tackiness and flaking
8	pH index	7.0-11.5	8.3
	Interaction with metals at (100±2) °C with in (120±2) hrs		
	(a) Metal strip weight change, mg/ sm ² , max:		
	tinned iron	0.2	0.15
	steel	0.2	0.18
	aluminium alloy	0.1	0.06
	cast iron	0.2	0.11
	brass	0.4	0.3
9	copper	0.4	0.2
	(b) Appearance of metal strips	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 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.
	(c) Brake fluid state	Absence of any blobs or crystals on the strips and vessel walls. Darkening is permissible.	Absence of any blobs or crystals on the strips and vessel walls. Darkening is permissible.
	(d) pH index after test	7.0-11.5	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 www.lubrex.net