



GEM BRAKE FLUID DOT 4

Description

Gem Brake Fluid DOT 4 is a premium quality synthetic non-petroleum based DOT 4 fluid, which meets all the requirements necessary to provide high performance braking.

Benefits

- High Boiling Point and low vapour pressure for increased braking efficiency.
- High lubricating ability protecting against uneven braking and enhancing the life of the braking system.
- Very stable over long periods of time so braking efficiency not effected.
- Fully compatible with rubbers and metals so no blocking or pulling of brakes occurs due to leaks.
- Excellent viscosity over a wide temperature range ensuring sufficient film thickness for lubrication and protecting against retarded braking response.

Performance

Gem Brake Fluid DOT 4 meets the following Performance Specifications:

SAE J1703 & ISO 4925
FMV SS No. 116 DOT 4
FMV SS No. 116 DOT 3

Typical Inspections

Inspection	Unit	Result
Viscosity @ 100°C	mm ² /sec	2.2
Viscosity @ -40°C	mm ² /sec	1296
Viscosity Index		
Flash Point, Open Cup	°C	
Pour Point	°C	
Density @ 20°C	kg/l	1.050
Water	%	< 0.2
pH		8.31
Tin Corrosion Weight Change	mg/cm ²	-0.01
Steel Corrosion Weight Change	mg/cm ²	0.00
Aluminium Corrosion Weight Change	mg/cm ²	0.01
Cast Iron Corrosion Weight Change	mg/cm ²	0.02
Brass Corrosion Weight Change	mg/cm ²	-0.04
Copper Corrosion Weight Change	mg/cm ²	-0.08
Zinc Corrosion Weight Change	mg/cm ²	0.07