

Univar Brake & Clutch DOT 4

Description

Univar Brake & Clutch DOT 4 is a hydraulic brake fluid, specifically formulated to exceed the requirements of the internationally recognised hydraulic brake fluid standards: FMVSS 116 DOT4, DOT 3, SAE J1703 and ISO4925 Class 3 and 4.

Performance, Features & Benefits

The product meet the following requirements:

Test	Units	Method	Specification
Equilibrium Reflux Boiling Point	°C	FMVSS 116	260 Min.
Wet Equilibrium Boiling Point	°C	FMVSS 116	160 Min.
Kinematic Viscosity at -40°C	cSt	ASTM D445	1500 Max.

Typical Data

Test Required	Typical Result	Specification
Dry Equilibrium Reflux Boiling Point, °C	270	260°C. Min
Wet Equilibrium Reflux Boiling Point, °C	163	160 °C. Min.
Kinematic Viscosity @ -40 °C, cSt	1315	1500 cSt Max.
@ 100 °C, cSt	2.34	1.5 cSt Min.
pH	8.53	7 – 11.5
High Temperature Stability, °C	-1	+/- 3.0 °C. Max
Chemical Stability, °C	+1	+/- 3.0 °C. Max
Evaporation, %w/w	56	80% Max
Fluidity & Appearance @ -40 °C	Pass, 3 seconds	No freezing, Bubble time 10 sec. Max
@ -50 °C	Pass, 6 seconds	No freezing, Bubble time 35 sec. Max
Water Tolerance @ -40 °C	Clear, 3 seconds	10 seconds Max
@ +60 °C	Clear, No sediment	Sediment not to exceed 0.05% v/v
Compatibility @ -40 °C	Clear, No stratification	No stratification
@ +60 °C	Clear, No sediment	Sediment not to exceed 0.05% v/v
Colour, visual	Pale Amber	Water white to amber
Water Content, %	< 0.20	Not required
Density @ 20 °C, g/ml	1.04	Not required

Advice

Advice on applications not covered in this leaflet may be obtained from your Univar representative

Health, Safety & Environment

Guidance on Health & Safety is available on the appropriate Material Safety Data Sheet, which can be obtained from www.univarlubricants.no www.univarlubricants.se www.univarlubricants.dk www.univarlubricants.fi

SWEDEN Univar Solutions AB
Kungsgatan 6
SE-211 49 Malmö
Sweden

T +46 40 35 28 00
F +46 40 12 51 72
Org nr: 556114-6308
Vat nr: SE556114630801

www.univarlubricants.se

Marieholmsgatan 56,
Box 48
SE-401 20 Göteborg
Sweden

T +46 31 83 80 00
F +46 31 84 39 80

DENMARK Univar Solutions A/S
Islands Brygge 43
DK-2300 København S
Denmark

T +45 35 37 12 44
F +45 35 37 52 04
Org nr: 11652328
Vat nr: DK11652328

www.univarlubricants.dk

NORWAY Univar Solutions AS
Nils Hansens Vei 2
NO-0667 Oslo
Norway

T +47 22 88 16 00
F +47 22 72 00 52
Org nr: 00918821015
Vat nr: NO918821015

www.univarlubricants.no

FINLAND Univar Solutions Oy
Åyritie 12B, 5th floor
FI-01510 Vantaa
Finland

T +358 9 350 86 50
F +358 9 350 86 550
Org nr: 9600675947
Vat nr: FI105361227

www.univarlubricants.fi