



QUALIPRO LUBRICANTS

Protect - Clean - Cool

TECHNICAL DATA SHEET

QP DOT4 Brake fluid

DOT4 hydraulic brake fluid is a glycol ether based fluid formulated exclusively from virgin materials to exceed the requirements of the major internationally recognized hydraulic brake fluid standards: FMVSS No 116 DOT4, SAE J1704 and ISO4925 Class 4.

It has all the characteristics required to ensure the safe and reliable operation of vehicle braking systems:

High Boiling Point - minimizes the risk of vapour lock occurring in the wheel cylinder even under the most extreme conditions.

High Wet Boiling Point – ensures continued vapour lock protection by maintaining a high boiling point throughout the service life of the fluid.

Optimal Viscosity – minimal low temperature viscosity ensures system responsiveness is maintained in very cold conditions whilst maximal high temperature viscosity ensures adequate lubricity and leakage prevention are maintained at high operating temperatures.

Corrosion Inhibition - protects the full range of metallic components in the braking system from corrosion damage that can cause excessive seal wear or even loss of fluid and potential system failure.

Rubber Compatibility – with the range of elastomeric material commonly found in braking systems maximizes the working life of system seals to ensure safe and reliable system operation

Fluid Compatibility - can be safely mixed with other brake fluids meeting the both DOT 3 and DOT 4 specifications.

Fluid Stability – against both high temperature and oxidation ensures stable performance characteristics for long and reliable service life.

Typical Properties Parameter	Method	HD260 DOT4	FMVSS116
Appearance	Visual	Pale straw coloured liquid, free from suspended matter	Not Specified
Specific Gravity 20/20°C	ASTM D 4052	1.04	Not Specified
Equilibrium Reflux Boiling Point °C	SAE J1703	265	230 min
Wet Equilibrium Reflux Boiling Point °C	SAE 1703	163	155 min
-40°C Kinematic Viscosity, cSt	SAE 1703	1400	1800 max
100°C Kinematic Viscosity, cSt	SAE 1703	2.1	1.5 min
PH (50% vol.)	ASTM D 1121	8.0	7.0 – 11.5
Water Content	ASTM D 1123	0.10	Not Specified

TECHNICAL DATA: REVISED: 01/01/2019