

HBF 3



Data sheet

Synthetic Fluid For Brake Systems

APPLICATIONS

Uses

- TOTAL HBF 3 is recommended for brake and clutch systems of all vehicles using synthetic fluids when DOT 4 level or higher is not required.
- TOTAL HBF 3 meets the specifications SAE J 1703, ISO 4925 and FMVSS 116 DOT 3.
- TOTAL HBF 3 is miscible with all other synthetic fluids of similar quality.
- TOTAL HBF 3 is not miscible with mineral based fluids (LHM) and silicon based fluids.

PERFORMANCES

Specifications

- SAE J 1703
- FMVSS 116 DOT 3
- ISO 4925

CUSTOMER BENEFITS

Technical

- Synthetic fluid.
- High dry and wet boiling points adjusted to high temperatures encountered in braking systems: prevents "vapour lock".
- Resistant to moisture absorption.
- Viscosity suitable at cold as well as high temperatures.
- Provides corrosion protection for metals used in braking systems: cast iron, aluminium, steel, copper, brass, etc.
- Compatible with rubber seals and hoses.

CHARACTERISTICS

Total HBF 3	Units	
Volumetric mass at 15°C	kg/m ³	1040
Viscosity at -40°C(max)	mm ² /s	1500
Viscosity at 100°C(min)	mm ² /s	1.5
Dry boiling point ERBP (min)	°C	205
Wet boiling point (min)	°C	140
Flash Point Pensky Martnes	°C	110

The typical characteristics mentioned represent mean values.

Total HBF 3
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This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser.