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Technical Data Sheet

Permatex® B Force™ Hydraulic Jack Oil

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PRODUCT DESCRIPTION

Permatex® B Force™ Hydraulic Jack Oil is a bio-renewable, biodegradable and non-hazardous hydraulic oil for use in general purpose hydraulic systems. B Force™ Hydraulic Jack Oil is an ISO 32 viscosity grade hydraulic oil designed to be used in mobile and stationary hydraulic vane, piston and gear-type pumps. B Force™ is based on a biodegradable base oil technology and is a direct replacement for petroleum oil based hydraulic fluids. It is formulated with performance additive chemistry to exceed the requirements of petroleum hydraulic fluids. It meets or exceeds the requirements of all major hydraulic equipment manufacturers and meets the requirements for Type I, II and III hydraulic tools.

PRODUCT BENEFITS

- Completely compatible with petroleum based products so existing equipment may be "topped off" with B Force™ Hydraulic fluid
- Lubricates
- Prevents sludge build-up
- Resists rusting
- Preserves seals
- Non-foaming
- Maintains correct viscosity
- Contains anti-rust, anti-oxidant and anti-wear additives
- Safe for use with Buna N, Viton, Neoprene rubbers
- Bio-renewable, biodegradable, non-toxic

TYPICAL APPLICATIONS

- Hydraulic vane, piston and gear pumps
- Floor jacks
- Floor lifts
- Fork lift gates
- Hydraulic hand jacks
- Hydraulic lift gates
- Pallet jacks
- Tilt cab systems
- All ISO 32 viscosity specified applications

DIRECTIONS FOR USE

1. Clean filler plug by wiping away excess dirt.
2. Consult the literature of each manufacturer and fill to the proper level.
3. Before replacing filler plug, coat with a small amount of Permatex® Form-A-Gasket® #2, to prevent leaks.
4. Note: For best results, routinely drain, flush and change hydraulic fluid at periodic intervals. Typically, 1-2 times a year for normal usage.



PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Bio-renewable base oil
Appearance	Amber liquid
Odor	Mild
Specific Gravity	0.90
ISO Viscosity grade	32
Saybolt Viscosity	
SUS @ 100°F	150
Flash Point, COC, °F	>400

GENERAL INFORMATION

This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected for use with chlorine or other strong oxidizing materials.

For safe handling information on this product, consult the Material Safety Data Sheet, (MSDS).

ORDERING INFORMATION

Part Number	Container Size
80051	1 qt. bottle
80056	1 gallon bottle

STORAGE

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° and 28°C (46° and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

NOT FOR PRODUCT SPECIFICATIONS.
THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.
PLEASE CONTACT PERMATEX, INC., TECHNICAL SERVICE DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS FOR YOUR SPECIFIC APPLICATION.
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