

# PRODUCT DATA

## COSMOLUBRIC B-68

**Cosmolubric B-68** is a fire resistant hydraulic fluid prepared from vegetable oil, and a carefully selected additive package. The additives formulated into **Cosmolubric B-68** are designed to enhance corrosion protection, metal passivation, and oxidation inhibition. **Cosmolubric B-68** is Factory Mutual approved as a less hazardous fluid.

### TYPICAL PHYSICAL PROPERTIES

Appearance	Clear amber fluid
ISO Viscosity Grade	68
Viscosity, SUS @ 32°F	2152
@ 100°F	312
@ 104°F	291
@ 212°F	68
Viscosity Index	203
Total Acid Number – mg KOH/gm	0.8
ASTM Flash Point, C.O.C., °F (°C)	560 (293)
ASTM Fire Point, C.O.C., °F (°C)	640 (346)
ASTM Pour Point, °F (°C)	-11 (-24)
Specific Gravity @ 60°F	0.92



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**TYPICAL PHYSICAL PROPERTIES (Cont'd)**

Pounds per U.S. Gallon @ 60°F	7.7
Corrosion Test, ASTM D 665A	Pass
Copper Strip, ASTM D 130 Condition of Panel	1a

**PUMP TEST** – ASTM D 2882 procedure, Vickers V-104-C pump

**Conditions**

Test Period, Hour	100
Pressure, psi	2000
Temperature, F	175
Theoretical Output, gpm	7.5
Total Wear on Ring and Vane Set, mg	<10

**SHIPPING INFORMATION**

**Cosmolubric B-68** is shipped in 55 (U.S.) gallon (208 liter) drums and in bulk.

**STORAGE/HANDLING/DISPOSABILITY**

No health or safety hazards exist when **Cosmolubric B-68** is stored, used and disposed of in accordance with instructions given on the Material Safety Data Sheet for this product. At temperatures below 0°F, indoor storage or insulated bulk tanks are recommended.

**WARRANTY**

The information given here is considered to be correct and is offered for your consideration, investigation and verification. No warranties are expressed or implied since the use of Houghton products is beyond our control. Statements concerning the use of Houghton products are not to be construed as recommending the infringement of any patent.

**EXPORT STATEMENT**

This commodity and its technology are subject to the export control laws and regulations of the United States Government. Buyer agrees that it shall not make any disposition, by way of export, diversion, transshipment, re-export or otherwise, except as expressly permitted under United States law.

**7/02**