



PC WAYLUBE 68

Introduction

Petro-Canada's PC Waylube 68 is specially formulated to lubricate the slideways of machine tools and maintain smooth, uninterrupted operation. Formulated with special additives and 99.9% pure base oils from the HT purity process, PC Waylube 68 resists removal by coolants and soluble cutting oils.

Features and Benefits

- **Promotes smoother operations and higher quality production**
 - Reduces stick-slip chatter
- **Reduces operating costs**
 - Reduces wash-off
 - Resistance to emulsification with coolants
- **Improves equipment durability and reliability**
 - Reduces wear caused by metal-to-metal contact
 - Protects cast iron and bronze surfaces from corrosion
 - Non-corrosive to copper components
 - EP additives provide improved protection of heavily loaded ways
 - Shear stable where PC Waylube 68 is used in such applications as with gearboxes and hydraulic systems

Applications

PC Waylube 68 meets the requirements for slides and ways on all modern machine tools. PC Waylube 68 is approved for use in Bijur systems as it has passed Bijur's filtration test #2107.

	PC WAYLUBE 68
GM LS2	✓
Cincinnati Machine	P-47

PC Waylube 68 may be applied by a wide variety of methods ranging from swabbing by hand to automatic lubricators. Products should be stored in closed containers to prevent contamination by water and other foreign matter.

Where greater adhesion is required such as with vertical ways, we recommend using Petro-Canada's Accuflo TK machine tool lubricants.

What is the HT difference?

Petro-Canada starts with the HT purity process to produce water-white, 99.9% pure base oils. The result is a range of lubricants, specialty fluids and greases that deliver maximum performance for our customers.



Typical Performance Data

PROPERTY	TEST METHOD	PC WAYLUBE 68
Viscosity, cSt at 40°C (SUS at 100°F) cSt at 100°C (SUS at 210°F)	ASTM D445	69.7 (359) 9.5 (58.4)
Viscosity Index	ASTM D2270	115
Pour Point, °C (°F)	ASTM D5950	-27 (-17)
Copper Corrosion	ASTM D130	1b
Rust, Procedure A, 24 hrs Rust, Procedure B, 24 hrs	ASTM D665	Pass Pass
Four-ball Weld Load, kg (lb)	ASTM D2783	200 (441)
Load-wear Index	ASTM D2783	31
Stick-Slip Number	ASTM D2877	0.79
Water Separability, Oil-Water-Emulsion in mL (minutes) at 54°C (129°F)	ASTM D1401	40-40-0 (20)

The values quoted above are typical of normal production. They do not constitute a specification.

Health and Safety

Petro-Canada PC Waylube 68 has no adverse affect on health provided it is used as directed. To obtain Material Safety Data Sheets (MSDS), contact one of our TechData Info Lines.



TechData Info Lines

To place an order, please call a Customer Order Management Representative at :

Canada (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
United States Phone 1-877-730-2369
Latin America Phone +1-416-730-2369
Europe Phone +1-416-730-2389
Asia Phone +1-416-730-2372
China Phone +86 (21) 6362-0066

To learn more about how Petro-Canada lubricants, specialty fluids, oils and greases can help maximize your equipment performance, savings and productivity, please contact us at :

North America Phone 1-866-335-3369
Europe Phone +44 (0) 121-781-7264
Germany Phone +49 (0) 201-726-2913
Latin America Phone +1-416-730-2369
Asia Phone +1-416-730-2372
China Phone +86 (21) 6362-0066
E-mail sales@suncor.com

You can also e-mail us at lubecsr@suncor.com

Visit us on the web at lubricants.petro-canada.com

IM-7973E (2015.04)

Petro-Canada is a Suncor business
™Trademark of Suncor Energy Inc. Used under licence.

Beyond today's standards.

