

Petro-Canada Tech Data



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 a patented 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 patented 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 (324) 10 (60.1)
Viscosity Index	ASTM D2270	129
Pour Point, °C (°F)	ASTM D97	-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's PC Waylube 68 has no adverse effect on health provided they are used as directed. To obtain Material Health and Safety Data Sheets, contact your Petro-Canada Lubricants representative, or one of Petro-Canada's TechData Info Lines.

TechData Info Lines

If you would like to know more about Petro-Canada's PC Waylube 68, or any other product in our complete line of quality lubricants, please contact us at:

**Petro-Canada
Lubricants Centre**
385 Southdown Road
Mississauga, Ontario
L5J 2Y3



Canada - West Phone 1-800-661-1199
- East (English) Phone 1-800-268-5850
(French) Phone 1-800-576-1686
Other Areas Phone (905) 403-6781
Technical Inquiries Fax (905) 403-6875
E-mail lubecsr@petro-canada.ca
Internet www.petro-canada.com

Petro-Canada Europe Lubricants
The Manor, Hasely Business Centre
Warwick, Warwickshire
CV35 7LS

United Kingdom
 Phone +44 (0) 2476-247294
 Fax +44 (0) 2476-247295
 Internet www.petrocanada.nl

Petro-Canada America Lubricants
980 North Michigan Avenue
Suite 1400, #1431
Chicago, Illinois
USA 60611

Phone 1-888-284-4572
 Fax (708) 246-8994
 E-mail email@petro-canadaamerica.com