



## ACCUFLO™ SS 68 PRESS OIL AND MACHINE TOOL LUBRICANT

### Introduction

ACCUFLO™ SS is a specially formulated lubricant designed to provide outstanding lubrication performance in commercial printing presses and a number of demanding industrial applications.

Petro-Canada's unique chemistry starts with a blend of 99.9% pure base oils, produced using a patented HT purity process. These crystal clear fluids are free of impurities that can hinder lubricant performance. Utilizing more than 25 years of formulating experience, Petro-Canada fortifies these thermally stable fluids with specially selected additives to provide strong protection against wear and corrosion.

As a result, Petro-Canada's ACCUFLO SS provides outstanding lubrication while extending service life in demanding operating conditions.

### Features and Benefits

- **Provides excellent shear stability to protect your equipment from wear**
  - Maintains viscosity in high shear environment which may reduce wear on gear teeth
  - Extreme Pressure properties minimize wear on heavily loaded components
  - Low frictional characteristics help eliminate "stick-slip" or jerky movement of sliding surfaces for smooth machine operation
- **Outstanding adhesive properties ensures equipment is well lubricated**
  - The adhesive quality of ACCUFLO SS ensures the lubricant remains on equipment at start-up to protect gear teeth from bare metal to metal contact

- **Strong protection against rust and corrosion which helps to improve equipment longevity**
  - Provides protection on metal surfaces in the presence of moisture and commercial coolants
  - Anti-corrosion properties provide protection against rust
- **Dispersancy additives in lubricant can reduce maintenance costs**
  - Dispersants in the lubricant keep deposits and oxidative particles from collecting on gear teeth which can reduce maintenance costs of cleaning the gear teeth

### Applications

Petro-Canada's ACCUFLO SS is designed lubrication of units, folders, angle bars and horizontal drive gear boxes for printing press operations. However, it may also be used as a machine tool lubricant in many industrial applications.

### Approvals

- Meets the Cincinnati Milacron P-47 specification
- Goss Graphic Systems service bulletin SBM078 (16/02/00) for the following models: Cosmo, Metro, Metroliner, Headliner, Colorliner and Metrocolor

#### 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	RESULTS ACCUFLO SS 68
Density (kg/L)	ASTM D4052	.881
Colour	ASTM D1500	5.5
Viscosity cSt @ 40°C / SUS @ 100°F cSt @ 100°C / SUS @ 210°F	ASTM D445	74 / 383 9.5 / 58
Viscosity Index	ASTM D2270	105
Flash Point, °C / °F	ASTM D92	226 / 439
Pour Point, °C / °F	ASTM D97	-33 / -27
Corrosion Resistance Copper Corrosion Rust, Procedure A	ASTM D130 ASTM D665	1b Pass
Thermal Stability B Procedure	Cincinnati Machine	Pass
Wear Protection Four Ball Weld Load, (40kg, 1200 rpm, 75°C), scar diameter in mm	ASTM D4172	.48
Load Carrying Capability Timken EP Test, Pass kg / lb Four Ball Weld, kg / lb Load Wear Index	ASTM D2782 ASTM D2783 ASTM D2783	9 / 20 200 / 440 30
Stick Slip Number	ASTM D2877-70	0.78
Tackiness, %	PCM 530	45
Foaming characteristics, ml, Sequence I Sequence II Sequence III	ASTM D892	10 / 0 30 / 0 10 / 0

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

## Health and Safety

ACCUFLO SS 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

If you would like to know more about ACCUFLO SS or any other product in our complete line of quality lubricants, please contact us at:

**Lubricants Head Office**  
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