

# PRODUCT DATA SHEET

## ATLANTIC® Hy-Lube HT Hydraulic Fluid ISO 46, 68

**Low Zinc Anti-Wear Hydraulic Fluids. (Also available in Zinc Free)**

### Product Description

ATLANTIC HY-LUBE HT HYDRAULIC FLUID ISO 46, 68 is a range of universal low-zinc anti-wear hydraulic fluids designed for the demanding performance requirements of today's hydraulic systems. Atlantic Hydraulic Fluids offer enhanced filterability and hydrolytic stability compatible with all relevant metals.



### Technical Specifications

**ISO Viscosity:** 46, 68

**Cincinnati Milacron:** P-68, P69, P70

**DIN:** 51524 part 2 and 3

**Vickers 35VQ25A** - meets performance requirements

**Vickers M-2950-S** Mobile Hydraulic Systems and I-286-S Industrial Hydraulic Systems

**Hagglunds-Denison:** HF-0, HF-1, HF-2

**US Steel:** 127, 135

**Suitable for use in:** Racine Vane Pumps – variable Volume

### PRODUCT TECHNICAL CHARACTERISTICS

Characteristics	Measure	46	68
Viscosity at 40° C, cSt	ASTM D445	46.5 mm <sup>2</sup> /s	68 mm <sup>2</sup> /s
Viscosity at 100° C, cSt	ASTM D445	7.9 mm <sup>2</sup> /s	10.6 mm <sup>2</sup> /s
Viscosity Index	ASTM D-2270	143	146
Flash Point, °C (°F)	ASTM D-92	232(450)	240(464)
Pour Point, °C (°F)	ASTM D-97	-45(-49)	-39(-33)
Dielectric Breakdown	ASTM D877	-	-
Voltage, KV/0.1 inch	-	35	-
Gravity, API	ASTM D-287	34	30
Density @ 15°C	-	0.859	0.874

### Health and Safety

The product should not be used for purposes other than its intended use. Refer the recommendations provided on the Material Safety Data Sheets (MSDS).

All recommendations for the use of our products, whether given by us in writing, verbally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge. Notwithstanding any such recommendations the Buyer shall remain responsible for satisfying himself that the products as supplied by us are suitable for his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot accept responsibility therefore. The Buyer shall ensure that the intended use of the products will not infringe any third party's intellectual property rights. We warrant that our products are free from defects in accordance with and subject to our general conditions of supply.

Copyright © 2014 Atlantic Lubricants Pty Ltd. All rights reserved