

# GRIFLUBE® PREMIER ANTI-WEAR

## Standard Applications:

Machine Tools Operations	Forklift Trucks
Plastic Injection Molders	Casting Equipment
Vane, Gear & Piston Pumps	

Hill and Griffith's **GRIFLUBE® PREMIER ANTI-WEAR** Hydraulic and Lubricating Oils were designed to meet or exceed the most demanding requirements of equipment manufacturers for heavy-duty hydraulic applications. From CNC machine tool applications to precision plastic injection molding operations, where higher pressures, temperature extremes, and increased speeds exact the greatest demands on a hydraulic fluid, the **GRIFLUBE® PREMIER ANTI-WEAR** series of hydraulic oils will provide maximum latitude for long term performance.

Hill and Griffith's **GRIFLUBE® PREMIER ANTI-WEAR** Hydraulic Oils are formulated with the highest quality refined paraffinic base stocks existent in our industry and are then fortified with the most effective anti-wear additives and rust/oxidation inhibitors available. They offer superior long term thermal and oxidation stability along with both exceptional water tolerance and hydrolytic stability, as affirmed by the AFNOR Filterability test demonstrating minimal filter blockage after running 300 hours in a Denison T6C vane pump with 1% water.

**GRIFLUBE® PREMIER ANTI-WEAR** Hydraulic Oils are approved for use in vane, gear, and piston pumps, and will surpass the following standards of performance, and/or requirements, for mobile and industrial hydraulic systems, which call for:

- Vickers I-286-S, M-2950-S
- U.S. Steel 136, 127
- DIN 51524, Part II
- Ford M-6C32
- B.F. Goodrich 0152
- AFNOR E 48-603 (HM)
- ASTM D-665 Rust Tests A & B
- Vickers 35VQ25
- Lee-Norse 100-1
- ISO 6743-4
- Denison HF-0, HF-1, HF-2
- Cincinnati Milacron P-68, P-69, P-70
- Racine Variable Volume Vane Pumps
- G.M.'s LH-04-1, LH-06-1, LH-15-1
- FZ Damage Load Stage:11
- ASTM D-943 Oxidation: >4000 Hours
- ASTM D-892 Foaming Tendency
- Denison TE6-C
- ASLE 64-1 to 64-4, 70-1 to 70-3

## PACKAGING:

Totes  
Drums



# GRIFLUBE® PREMIER ANTI-WEAR

## TYPICAL PROPERTIES:

	<b>AW 32</b>	<b>AW 46</b>	<b>AW 68</b>
ISO Viscosity Grade	VG 32	VG 46	VG 68
ASTM Grade	150	215	315
Cincinnati Milacron Spec	P-68	P-70	P-69
Military Spec Equivalent	MIL-H 24459	MIL-H 24459	MIL-H 24459
API Gravity	31.2	29.8	29.8
Specific Gravity, 60F	.871	.878	.880
Viscosity, SUS @ 100F	162	227	340
Viscosity, SUS @ 210F	44	48	55
Viscosity, cSt @ 40C	31.8	44.4	66.2
Viscosity cSt @ 100C	5.3	6.5	8.4
Viscosity Index	100	100	100
Pour Point degrees F	-20	-20	-15
Flash Point, COC-F	400	415	430
Oxidation Stability (ASTM D-943)	>4000 Hours	>4000 Hours	>4000 Hours
Vickers Vane Pump	25 or less	25 or less	25 or less
Filtration Standard (ISO 4406)	16/15/11	16/15/11	16/15/11