

# Tectyl HF 68

Biodegradable & Flame Retardant Hydraulic Fluid



## | INTRODUCTION |

Tectyl HF 68 is a synthetic, fire resistant hydraulic fluid of the polyol ester family. Designed and formulated to be chemically stable, it provides dependable industrial hydraulic service in areas of end use where operation conditions place severe physical demands on the hydraulic fluid medium.

Tectyl HF 68 is characterized by natural thermal stability, good viscosity/temperature relationship and effective lubrication characteristics. Further, it is a formulation, determined by research and confirmed by field service, to yield the best performance in the important areas of corrosion protection, metal passivation, oxidative inhibition and hydrolytic stability.

Tectyl HF 68 is a versatile product with numerous functional advantages including high temperature operational capabilities due to significant auto ignition temperature values, high boiling, flash and fire points, and its resistance to ignition.

## | PHYSICAL PROPERTIES |

TEST ITEMS		RESULT	TEST METHOD
Specific Gravity (15/4°C)		0.91	ASTM D 1298
Viscosity (cSt, @40°C)		ISO VG 68	ASTM D 445
VI		Min. 180	ASTM D 2270
Flame Retardant	Flash Point (°C)	Min. 300	ASTM D 92
	Fire Point (°C)	Min. 360	ASTM D 92
Color		Clear amber	Appearance
Rust Test		Pass	ASTM D 665A
Pour Point (°C)		Max. -30.0	ASTM D 97
Oxidation Stability (RBOT)		Min.200	ASTM D 2272
Seal, Packing Compatibilities		Viton, Silicon, Teflon etc.	

- All data given in this Product Data Sheet are typical of this Product. It does not however constitute a specification.
- We reserve the right to modify products without prior notice.

## | FEATURES |

- Flame retardant Hydraulic fluid
- No harmful to body and good Biodegradable
- High Viscosity Index
- Cleaning fluid for Servo Valve
- Good shear stability
- Great Thermal, oxidation stability
- High lubrication
- Excellent wear protection
- Korea Pat. No. 88842, 169565, 201759, 364853

## | APPLICATION |

The performance of Tectyl HF 68 is being developed in the Hydraulic equipment of high pressure, heavy weight and severe ambient condition.

- Die-casting, Injection machine, Press
- Hydraulic equipment with Servo valve
- Heavy machinery for still making and construction, Machine tool
- Outdoors machine
- Pump
- PISTON PUMP, VANE PUMP, GEAR PUMP etc.
- Motor
- PISTON MOTOR, VANE MOTOR, GEAR MOTOR etc.

## | PACKAGE & SAFETY |

- Tank/Lorry, Tote, Drum(200LT), Pail(20LT)
- For your Safety, Refer to the Material Safety Date Sheet.