

# Tectyl FR 68

Flame Retardant Hydraulic Fluid



## | INTRODUCTION |

Tectyl FR 68 is a fire resistant hydraulic fluid of the mixed Polyol ester and Group III base Oil. 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 FR 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 FR 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)	0.86	ASTM D 1298
Viscosity (40°C, cSt)	ISO VG 68	ASTM D 445
VI	Min. 110	ASTM D 2270
Flash Point (°C)	Min. 250	ASTM D 92
Pour Point (°C)	Max. -36.0	ASTM D 97
Color	Clearamber	Appearance
Rust Test	Pass	ASTM D 665A
Oxidation Stability (RBOT)	Min. 400	ASTM D 2272
Seal, Packing Compatibilities	Viton, Silicon, NBR, PTFE 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
- Good shear stability
- Great thermal, oxidation stability
- High lubrication
- Excellent wear protection
- Excellent Seal compatibility like mineral hydraulic oils

## | APPLICATION |

- 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.