

TEST DESCRIPTION	TEST METHOD	GUARANTEED DATA	
		Min	Max.
1 - Function			
Viscosity at 40°C, mm ² /s	ISO 3104		12
Viscosity at -30°C, mm ² /s	ISO 3104		1800
Pour point, °C	ISO 3016		-40
Water content mg/kg, Bulk/Drum	IEC 60814		30/40
Breakdown voltage, kV	IEC 60156		
as delivered / after treatment		30/70	
Density at 20°C, g/ml	ISO 3675 or ISO 12185		0.895
DDF at 90°C	IEC 60247 or IEC 61620		0.005
Particle Content	IEC 60970	No general requirement	
2 - Refining/stability			
Appearance	—	Clear free from sediment and suspended matter	
Acidity, mg KOH/g	IEC 62021-1 or 62021-2		0.01
Interfacial Tension, mN/m	EN 14210 or ASTM D971	No general requirement	
Total Sulphur Content, %	IP 373 or ISO 14596	No general requirement	
Corrosive Sulphur	DIN 51353	Not corrosive	
Potentially Corrosive Sulphur	IEC 62535	Not corrosive	
DBDS (mg/kg)	IEC 62697-1 (in preparation)	Not detectable <5	
Inhibitor of IEC 60666	IEC 60666	Not detectable <0.01%	
Metal passivator additives	IEC 60666	Not detectable (<5)	
of IEC 60666, mg/kg			
Other additives		Does not contain any additives	
2-Furfural and related	IEC 61198	Not detectable (<0.05)	
compounds content, mg/kg			
Stray gassing	Para6.22 of IEC 60296	No general requirement	
3 - Performance			
Oxidation Stability at 120°C	IEC 61125:1992 (Method C) Test duration (U) Uninhibited oil: 164 h		
Total Acidity, mg KOH/g	1.9.4 of IEC 61125:1992		1.2
Sludge, %	1.9.1 of IEC 61125:1992		0.8
DDF at 90°C	1.9.6 of IEC 61125, Amendment 1 (2004) + IEC 60247		0.5
Gassing Tendency	IEC 60628:1985, Method A	No general requirement	
ECT	Para 6.14 of IEC 60296	No general requirement	
4 - Health, Safety and Environment (HSE)			
Flash Point, °C	ISO 2719	135	
PCA Content, %	IP 346		3
PCB Content, mg/kg	IEC 61619	Not detectable (<2)	

Transol GE has excellent electrical and oxidation stability properties. It is specially manufactured from highly refined base oils. The product fully complies with IEC 60296 2012(U) Edition 4.0 specifications.

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