

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		0.05
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	0.08 to 0.4%	
Metal passivator additives	IEC 60666	Not detectable (<5)	
of IEC 60666, mg/kg			
Other additives		Does not contain any additives	
2-Furfural and related compounds content, mg/kg	IEC 61198	Not detectable (<0.05)	
Stray gassing	Para6.22 of IEC 60296	No general requirement	
3 - Performance			
Oxidation Stability at 120°C	IEC 61125:1992 (Method C) Test duration Inhibited oil: 500 h		
Total Acidity, mg KOH/g	1.9.4 of IEC 61125:1992		0.3
Sludge, %	1.9.1 of IEC 61125:1992		0.05
DDF at 90°C	1.9.6 of IEC 61125, Amendment 1 (2004) + IEC 60247		0.05
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 HGX has excellent electrical and oxidation stability properties. It is specially manufactured from highly refined base oils. The product fully complies with IEC 60296 2012 (I) Higher Oxidation Stability specifications.

Manufacturer makes no warranties, representations or conditions of any kind expressed or implied for use with respect to the product.
Final determination of suitability of the product for the application contemplated by the user is solely the user's responsibility.

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