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FICHE TECHNIQUE : HYCOIL TN600

CHARACTERISTIC	UNIT	TYPICAL RESULT	LIMIT *	TEST METHOD
Kinematic viscosity at 100°C 40°C - 40°C	mm²/s	5.03 25.01 9171	4.90 - 5.40 min. 23.0 max. 13000	ASTM D445
Density @ 20°C	kg/dm³	0.993	-	ASTM D4052
Stability 72 h at - 40°C, viscosity change	%	1.0	max. +/- 6	ASTM D2532
Flash point, COC	°C	269	min. 246	ASTM D92
Pour point	°C	- 57	max. - 54	ASTM D97
Acid number	mg KOH/g	0.2	max. 1.00	SAE-ARP-5088
Particles contamination according to NAS 1638	Class	5	max. 6	FED-STD-791-3012
Evaporation loss 6 h 30 at 204°C	%w	2.9	max. 10.0	ASTM D972
Foaming characteristics Foam volume at 24°C after 5 minutes aeration after 1 minute settling at 94°C after 5 minutes aeration after 1 minute settling at 24°C after 94°C after 5 minutes aeration after 1 minute settling	ml	9 0 5 0 7 0	max. 25 0 max. 25 0 max. 25 0	ASTM D892
Thermal stability and corrosivity 96 h at 274°C Viscosity change at 40°C Acid number change Steel weight change	% mg KOH/g mg/cm²	1.1 1.3 0.1	max. +/- 5.0 max. 6.00 max. +/- 4.00	FED-STD-791-3411
Sediments, filtered through 1.2 micron	mg/dm³	0.3	max. 10.0	FED-STD-791-3010
Corrosion and oxidative stability 72 h at 204°C Acid number change Viscosity change at 40°C Steel weight change Silver weight change Aluminium weight change Magnesium weight change Copper weight change Sludge content through 10 microns	mg KOH/g % mg/cm² mg/cm² mg/cm² mg/cm² mg/cm² mg/cm² mg/100 cm³	1.20 16.0 0.0 0.0 0.0 0.0 0.0 0.0 0.7	max. 3.00 - 5.0 to + 25.0 max. +/- 0.2 max. +/- 0.2 max. +/- 0.2 max. +/- 0.2 max. +/- 0.4 max. 50.0	FED-STD-791-5308
HLPs dynamic coking at 375°C – 20 h	mg	0.6	max. 4.0	SAE-ARP5996

Données conformes à celles du fournisseur,