

Preslia SE HTS

Synthetic oil for aeroderivative turbines

APPLICATIONS

- Lubrication and regulation of extremely high-performance aeroderivative turbines.

ADVANTAGES

- Preslia SE HTS owns all the properties required to ensure the lubrication of the aeroderivative turbines working in the most difficult conditions:
 - Low coking propensity
 - High resistance to oxidation and thermal degradation
 - Good elastomer compatibility.

SPECIFICATIONS

SAE AS5780 HPC
MIL-PRF-23699G CLASS HTS

APPROVALS

Meets or exceeds the following specifications:
ROLLS ROYCE: 501-KB7, 501-KB7S and 501-KB7C
GENERAL ELECTRIC



For additional information, contact your local Totalenergies Lubricants representative or visit our web site: <https://lubricants.totalenergies.com>

This lubricant used as recommended and for the application for which it has been designed does not present any particular risk. A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or downloaded from <https://sds.totalms.total.com>

TotalEnergies Lubrifiants

SA 552 006 454 RCS Nanterre - France

TYPICAL CHARACTERISTICS

Properties	Units	Standards	Preslia SE HTS
Density at 20°C	kg/dm ³	ASTM D 4052	0.994
Viscosity			4.98
- at 100°C			24.6
- at 40°C	mm ² /s	ASTM D 445	9000
- at -40°C			
Viscosity stability, 72 hrs at - 40 °C, % change	%	FED-STD-791-3458	0.6
Evaporation loss 6h30 at 204 °C	%w	ASTM D 972	3.1
Flash point, COC	°C	ASTM D 92	264
Pour point	°C	ASTM D 97	-60
Acid number	mg KOH/g	SAE-ARP-5088	0.22
Shear stability, viscosity loss	%	ASTM D 2603	-0.08
AMS 3217/4 Rubber Swell, 72 hrs at 204 °C	%	FED-STD-791-3604	18.2
Foaming			5/0
- at 24 °C			5/0
- at 93 °C	cm ² /min	ASTM D 892	5/0
- at 24 °C after 93 °C			
Thermal stability and corrosivity, 96h at 274 °C	%		0.04
- Viscosity change at 40 °C	mg KOH/g	FED-STD-791-3411	0.4
- Acid number change	mg/ cm ²		0.02
- Steel weight change			
HLPS Dynamic coking at 375 °C			0.15
- deposit after 20h	mg	SAE-ARP-5996	0.24
- deposit after 40h			
Electrical conductivity at 20°C	ASTM D 2624	pSm	1500



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