

Technical Data Sheet Eastman™ Turbo Oil 2389

Applications

- Aerospace
- Aviation turbine oil (ato)

Product Description

Eastman Turbo Oil 2389[™] is a low viscosity gas turbine oil, offering exceptional cold-start capability.

Many large commercial airlines use Turbo Oil 2389 in their auxiliary power units (APUs), because of the reliability it affords this equipment when starting after long, cold-soaks at altitude. Turbo Oil 2389 is the only MIL-PRF-7808 Grade 3 qualified oil that is fully approved in all Honeywell and UTC Aerospace Systems APUs. Turbo Oil 2389 is formulated from synthetic base stocks and advanced technology additives, to provide the combined thermal and oxidation stability properties of commercial Type II lubricants, with the low temperature fluidity characteristics of a 3 cSt oil. It also has load-carrying ability equal to, or better than, other approved MIL-PRF-7808 Grade 3 oils.

Typical Properties

General Density	Property	Test Method	Typical Value, Units
•• 15°C ASTM D 1298 0.9511 kg/L Viscosity, Kinematic	General		
Viscosity, Kinematic Ist N D 445 3.19 mm²/s @ 100°C ASTM D 445 12.46 mm²/s @ 40°C ASTM D 445 12.46 mm²/s @ -51°C after 3 hours ASTM D 2532 7,800 mm²/s Pour Point ASTM D 97 -60 °C Flash Point ASTM D 92 220 °C Total Acid Number (Average) ASTM D 664 0.20 mg KOH/g Deposition Test ^a Acid Number (Average) FED-STD-791, 5003 11.2 mg KOH/g Acid Number Change FED-STD-791, 5003 100 ml Evaporation Loss 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative	Density		
@ 100°C ASTM D 445 3.19 mm²/s @ 40°C ASTM D 445 12.46 mm²/s @ -51°C after 3 hours ASTM D 2532 7,800 mm²/s Pour Point ASTM D 97 -60 °C Flash Point ASTM D 92 220 °C Total Acid Number (Average) ASTM D 664 0.20 mg KOH/g Deposition Test ^a - Acid Number Change FED-STD-791, 5003 11.2 mg KOH/g Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss - - 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b - - 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214	@ 15°C	ASTM D 1298	0.9511 kg/L
@ 40°C ASTM D 445 12.46 mm ² /s @ -51°C after 3 hours ASTM D 2532 7,800 mm ² /s Pour Point ASTM D 97 -60 °C Flash Point ASTM D 92 220 °C Total Acid Number (Average) ASTM D 664 0.20 mg KOH/g Deposition Test ^a Acid Number Change FED-STD-791, 5003 11.2 mg KOH/g Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss - - 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b - - 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 20000 cc/min FED-ST	Viscosity, Kinematic		
@ -51°C after 3 hoursASTM D 25327,800 mm²/sPour PointASTM D 97-60 °CFlash PointASTM D 92220 °CTotal Acid Number (Average)ASTM D 6640.20 mg KOH/gDeposition Test ^a Acid Number ChangeFED-STD-791, 500311.2 mg KOH/gAverage Viscosity ChangeFED-STD-791, 500317.77 %Oil ConsumptionFED-STD-791, 5003100 mlEvaporation Loss6.5 hrs @ 205°CASTM D 97220.0 %Foaming Volume ⁰ 110°C @ 1000 cc/minFED-STD-791, 321420/8 ml/sec110°C @ 2000 cc/minFED-STD-791, 321415/8 ml/sec80°C @ 1000 cc/minFED-STD-791, 321415/8 ml/sec80°C @ 1000 cc/minFED-STD-791, 321415/8 ml/sec80°C @ 1500 cc/minFED-STD-791, 321415/8 ml/sec80°C @ 2000 cc/minFED-STD-791, 3214105/15 ml/secRomain & Oxidative Stability ^C Kether Stability ^C Kether Stability ^C Aluminium Weight ChangeFED-STD-791, 53070.00 mg/cm²Bronze Weight ChangeFED-STD-791, 53070.02 mg/cm²M-50 Weight ChangeFED-STD-791, 53070.02 mg/cm²	@ 100°C	ASTM D 445	3.19 mm ² /s
Pour PointASTM D 97-60 °CFlash PointASTM D92220 °CTotal Acid Number (Average)ASTM D 6640.20 mg KOH/gDeposition Test ^a Acid Number ChangeFED-STD-791, 500311.2 mg KOH/gAverage Viscosity ChangeFED 500317.77 %Oil ConsumptionFED-STD-791, 5003100 mlEvaporation Loss6.5 hrs @ 205°CASTM D 97220.0 %Foaming Volume ^b 110°C @ 1000 cc/minFED-STD-791, 321420/8 ml/sec110°C @ 1500 cc/minFED-STD-791, 321455/8 ml/sec110°C @ 1000 cc/minFED-STD-791, 3214170/18 ml/sec80°C @ 1000 cc/minFED-STD-791, 321415/8 ml/sec80°C @ 1000 cc/minFED-STD-791, 3214105/15 ml/sec80°C @ 1000 cc/minFED-STD-791, 3214105/15 ml/sec80°C @ 2000 cc/minFED-STD-791, 53070.00 mg/cm ² Aluminium Weight ChangeFED-STD-791, 53070.04 mg/cm ² Iron Weight ChangeFED-STD-791, 53070.02 mg/cm ² M-50 Weight ChangeFED-STD-791, 53070.02 mg/cm ²	@ 40°C	ASTM D 445	12.46 mm ² /s
Flash Point ASTM D92 220 °C Total Acid Number (Average) ASTM D 664 0.20 mg KOH/g Deposition Test ^a Acid Number Change FED-STD-791, 5003 11.2 mg KOH/g Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.02 mg/cm ²	@ -51°C after 3 hours	ASTM D 2532	7,800 mm ² /s
Total Acid Number (Average) ASTM D 664 0.20 mg KOH/g Deposition Test ^a Acid Number Change FED-STD-791, 5003 11.2 mg KOH/g Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss - - 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b - - 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C - - Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Br	Pour Point	ASTM D 97	-60 °C
Deposition Test ^a FED-STD-791, 5003 11.2 mg KOH/g Acid Number Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min 110°C @ 2000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min 80°C @ 1500 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min 80°C @ 1500 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min Corrosion & Oxidative Stability ^C Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.02 mg/cm ² 0.02 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² 0.02 mg/cm ²	Flash Point	ASTM D92	220 °C
Deposition Test ^a FED-STD-791, 5003 11.2 mg KOH/g Acid Number Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss 100 ml 100 ml Evaporation Loss 20.0 % 100 ml Foaming Volume ^b 20.0 % 100 ml 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Interve Interve Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.02 mg/cm ² Iron Weight Change FED-STD-791, 5	Total Acid Number (Average)	ASTM D 664	0.20 mg KOH/g
Acid Number Change FED-STD-791, 5003 11.2 mg KOH/g Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss 20.0 % 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Juminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.02 mg/cm ² Jun Weight Change FED-STD-791, 5307 0.02 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² 0.02 mg/cm ² M-50 Weight Change FED-S			
Average Viscosity Change FED 5003 17.77 % Oil Consumption FED-STD-791, 5003 100 ml Evaporation Loss 5 6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b 20.0 % 20.0 % 100 ml/sec 100°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec 105/15 ml/sec Corrosion & Oxidative Stability ^C V V 105/15 ml/sec Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² 0.02 mg/cm ² M-50	•	FED-STD-791, 5003	11.2 mg KOH/g
Evaporation Loss ASTM D 972 20.0 % Foaming Volume ^b 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1500 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Average Viscosity Change		17.77 %
6.5 hrs @ 205°C ASTM D 972 20.0 % Foaming Volume ^b 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1500 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.02 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Oil Consumption	FED-STD-791, 5003	100 ml
Foaming Volume ^b Z0/8 ml/sec 110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1500 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Interview Interview Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Evaporation Loss		
110°C @ 1000 cc/min FED-STD-791, 3214 20/8 ml/sec 110°C @ 1500 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C V V Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 0.02 mg/cm ²	6.5 hrs @ 205°C	ASTM D 972	20.0 %
110°C @ 1500 cc/min FED-STD-791, 3214 55/8 ml/sec 110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C 0.00 mg/cm ² Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 0.02 mg/cm ²	Foaming Volume ^b		
110°C @ 2000 cc/min FED-STD-791, 3214 170/18 ml/sec 80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C 105/15 ml/sec 105/15 ml/sec Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 0.02 mg/cm ²	110°C @ 1000 cc/min	FED-STD-791, 3214	20/8 ml/sec
80°C @ 1000 cc/min FED-STD-791, 3214 15/8 ml/sec 80°C @ 1500 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^c Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	110°C @ 1500 cc/min	FED-STD-791, 3214	55/8 ml/sec
80°C @ 1500 cc/min FED-STD-791, 3214 45/8 ml/sec 80°C @ 2000 cc/min FED-STD-791, 3214 105/15 ml/sec Corrosion & Oxidative Stability ^C Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	110°C @ 2000 cc/min	FED-STD-791, 3214	170/18 ml/sec
80° C @ 2000 cc/minFED-STD-791, 3214105/15 ml/secCorrosion & Oxidative Stability ^C Aluminium Weight ChangeFED-STD-791, 5307Bronze Weight ChangeFED-STD-791, 53070.04 mg/cm ² Iron Weight ChangeFED-STD-791, 53070.02 mg/cm ² M-50 Weight ChangeFED-STD-791, 5307-0.02 mg/cm ²	80°C @ 1000 cc/min	FED-STD-791, 3214	15/8 ml/sec
Corrosion & Oxidative Stability ^c FED-STD-791, 53070.00 mg/cm ² Aluminium Weight ChangeFED-STD-791, 53070.04 mg/cm ² Bronze Weight ChangeFED-STD-791, 53070.02 mg/cm ² Iron Weight ChangeFED-STD-791, 53070.02 mg/cm ² M-50 Weight ChangeFED-STD-791, 5307-0.02 mg/cm ²	80°C @ 1500 cc/min	FED-STD-791, 3214	45/8 ml/sec
Aluminium Weight Change FED-STD-791, 5307 0.00 mg/cm ² Bronze Weight Change FED-STD-791, 5307 0.04 mg/cm ² Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	80°C @ 2000 cc/min	FED-STD-791, 3214	105/15 ml/sec
Bronze Weight ChangeFED-STD-791, 53070.04 mg/cm2Iron Weight ChangeFED-STD-791, 53070.02 mg/cm2M-50 Weight ChangeFED-STD-791, 5307-0.02 mg/cm2	Corrosion & Oxidative Stability ^c		
Iron Weight Change FED-STD-791, 5307 0.02 mg/cm ² M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Aluminium Weight Change	FED-STD-791, 5307	0.00 mg/cm ²
M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Bronze Weight Change	FED-STD-791, 5307	0.04 mg/cm ²
M-50 Weight Change FED-STD-791, 5307 -0.02 mg/cm ²	Iron Weight Change	FED-STD-791, 5307	0.02 mg/cm ²
Magnesium Weight Change FED-STD-791 5307 -0.02 mg/cm ²	M-50 Weight Change	FED-STD-791, 5307	
	Magnesium Weight Change	FED-STD-791, 5307	-0.02 mg/cm ²



Key Attributes

- 3 cSt synthetic lubricant
- Cold weather

Neut. No	FED-STD-791, 5307	0.96
Silver Weight Change	FED-STD-791, 5307	-0.02 mg/cm ²
Titanium Weight Change	FED-STD-791, 5307	0.00 mg/cm ²
Viscosity Change @ 40°C	FED-STD-791, 5307	9.5 %

^aAverage deposition rating = 0.59 ^bDynamic foaming characteristics ^c96 hrs @ 200°C

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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