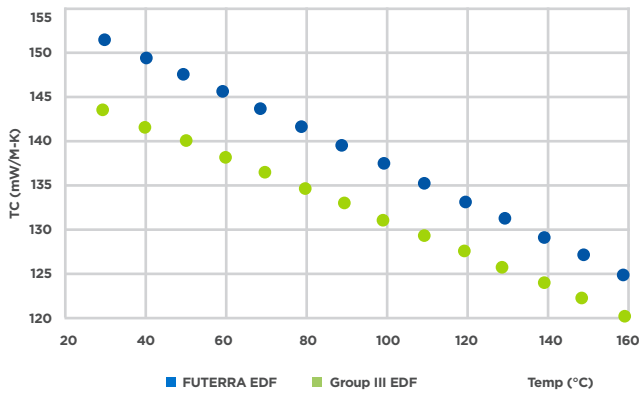


# FUTERRA™ ELECTRIC DRIVETRAIN FLUID (EDF)

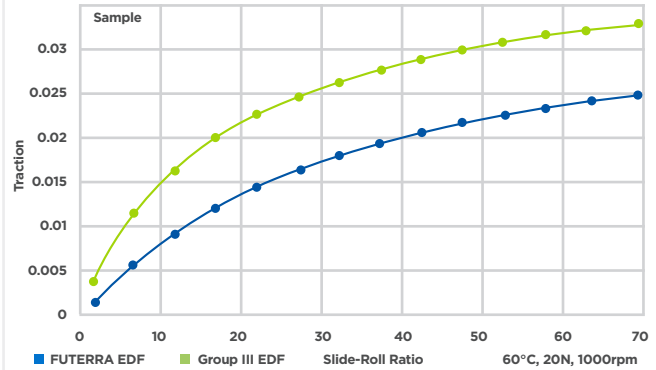
## High Performance Renewable Base Drivetrain Oil

FUTERRA™ Electric Drivetrain Formulation (EDF) was designed to reduce friction and increase driving range, while improving thermal management. FUTERRA™ EDF has top tier wear performance allowing for increased efficiency without a reduction in equipment protection. The high purity and structure of the renewable base oil used in FUTERRA™ EDF imparts excellent oxidative and thermal stability, ensuring electrical conductivity performance and viscosity throughout the life of the oil. FUTERRA™ EDF is the only electric drive train fluid that increases performance and longevity while having a negative cradle-to-gate carbon footprint.

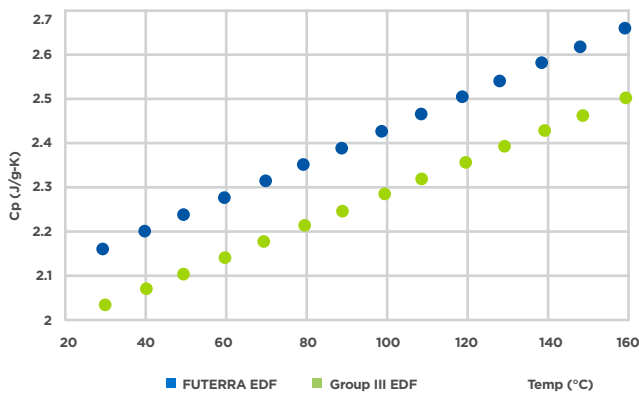
### Thermal Conductivity (mW/m-K)



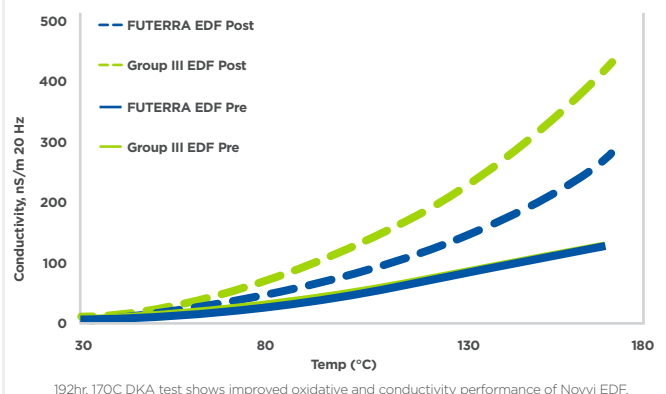
### Traction Coefficient comparison to Group III EDF measured by MTM



### Heat Capacity (J/g-K)



### Pre/Post-DKA Conductivity



192hr, 170C DKA test shows improved oxidative and conductivity performance of Novvi EDF.

# FUTERRA™ ELECTRIC DRIVETRAIN FLUID (EDF)

TEST	GROUP III 4.8 cSt	FUTERRA™ EDF 4.8 cSt
FZG A10/16.6R/90; FLS	7	9
FZG low speed gear wear (Verschleiss 120h)	23 mg	29 mg

FZG show no compromise on wear performance

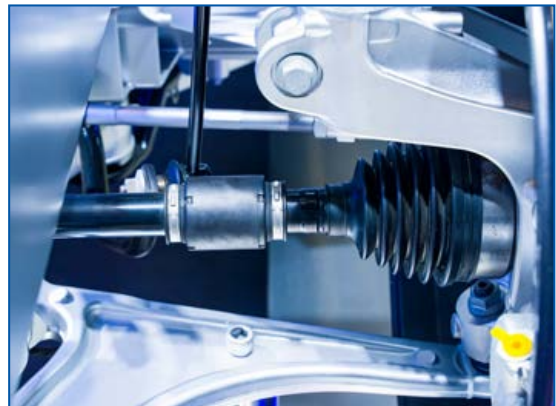
PROPERTIES	TEST Method	FUTERRA™ EDF
Density, 15°C (kg/l)	ASTM D4052	0.82
Viscosity, 40°C (cSt)	ASTM D7072	22.4
Viscosity, 100°C (cSt)	ASTM D7072	4.8
Viscosity Index	ASTM D2270	141
Pour point (°C)	ASTM D5949	-48
-40°C Brookfield (cP)	ASTM D2986	5000
Flash point (°C)	ASTM D92	230
Electrical conductivity (pS /m)	ASTM D2624	2700
Copper Corrosion	ASTM D130	1B
Air Release at 50°C (min)	ASTM D3427	<1
Carbon Footprint (kgCO2e/kg)	PAS2050	-0.40

Please inquire if you have specifications or requirements not met by this formulation. FUTERRA™ EDF is an example formulation developed to showcase the benefit of RSC BIO's renewable technology in an EDF.

## OEM Approvals

FUTERRA™ Electric Drivetrain Formulation (EDF) meets the requirements of original equipment manufacturers. Please contact customer service for a current list of OEM approvals.

**For more information about RSC Bio Solutions, visit us at [rscbio.com](https://www.rscbio.com) or call +1 704.684.6100.**



[rscbio.com](https://www.rscbio.com)



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