



# TECHNICAL DATA SHEET

## GEARAXL TF 0870

An ultra high performance, fully synthetic gear lubricant for the latest generation of electronically controlled active transfer cases. It is a special formulation based on high performance synthetic base oils (PAO) with special additive treatment and inhibition for higher stress environments to ensure trouble free operation.

### FEATURES

- Significant performance 'reserve' to effectively combat extreme operating conditions
- Excellent lubricating ability, even at extremes of temperature
- Provides stable viscosity under even the highest loads
- Ensures optimum power transmission
- Excellent seal / elastomer compatibility
- Exceptional oxidation stability and resistance to chemical deterioration
- Dependable protection against rust and corrosion

### PERFORMANCE SPECIFICATIONS, APPROVALS & RECOMMENDATIONS:

BMW	DTF-1, 83 22 240 97, 83 22 239 7244, 83 22 030 6816 (X-DRIVE)
LAND ROVER	IYK 500010, ATF TF-0753
NISSAN	999MP-TF0870P, KLD22-00001EU (FOR ATX90A)
PORSCHE	000-043-301-36 / 00004330136 (PORSCHE CAYENNE) 958-341-536-00
VW	G052 515A2 / G055 015A2 (VW TOUAREG, Q7) G052 533A2 (AMAROK) G052 536A2 (TOUAREG, AMAROK, Q7)
ATC	300, 350, 400, 450, 500, 700
Genesis	G90 3.3 T-GDI, 5.0 GDI AWD
Kia	Stinger 2.2 CRDI, Kia 3.3 T-GDI AWD (2017)

### TYPICAL PHYSICAL CHARACTERISTICS

Characteristic	Method	UoM	Typical
Density @ 15°C	ASTM D4052	g/cm <sup>3</sup>	0.8570
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	36.05
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /s	7.30
Viscosity Index	ASTM D2270	-	174
Flash Point (COC)	ASTM D92	°C	227
Pour Point	ASTM D97	°C	-51°C

Details continue on next page.



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### Foaming Tendency:

Seq. I/II/III (24°C/93.5°C/24°C)	ASTM D892	mL	0-0/0-0/0-0
Appearance	ASTM D4176-1	-	Clear & Bright
Colour	Visual	-	Amber
Product Code	-	-	04590

This data sheet and the information it contains is believed to be accurate as of the date of creation. Please email [technical@rockoil.co.uk](mailto:technical@rockoil.co.uk) or telephone +44 (0) 1925 636191 if you require any further information.