



Research & Development

PRODUCT DATA SHEET

AXCL TRANSGEAR OIL

API GL-4

Description

AXCL TRANSGEAR Oils are formulated for all heavy and medium applications. It provides optimum protection. AXCL TRANSGEAR Oils uses sulfur-phosphorous type mild EP gear lubricants designed for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings. AXCL TRANSGEAR Oils are suitable for all manual transmissions, transaxles, transfer boxes and steering gears in automotive and agricultural equipment which require API GL-4 level of performance. These Oils are formulated to have good load carrying capacity, resist oxidation, foaming and oil thickening.

Performance Level

APL GL-4, MIL-L-2105C/D; MB 235.1

Benefits and Advantages

- Extended gear and bearing life due to minimal deposits.
- Reduced wear at start-up and ease of start-up.
- Compatible with typical seals and gaskets, longer seal life.
- Good thermal stability and resistance to high temperature oxidation.
- Excellent high & low temperature properties.

Specification & Parameter

#	Test	Method	Result			
1	Viscosity Grade	SAE	90	80W90	140	85W140
2	Color	ASTM D 1500	L 2.5	L 3.5	L 4.0	L 4.0
3	Kin. Viscosity @ 40 °C, cSt	ASTM D 445	211.4	205.5	399.0	417.5
4	Kin. Viscosity @ 100 °C, cSt	ASTM D 445	17.88	17.60	28.60	30.55
5	Density @ 15 °C	ASTM D 1298	0.891	0.885	0.90	0.90
6	Viscosity Index	ASTM D 2270	92	92	99	104
7	Flash Point, °C	ASTM D 92	≥224	≥230	≥230	≥240
8	Pour Point, °C	ASTM D 97	≤ -15	≤ -21	≤ -21	≤ -21
9	Foam Test, Sequence II @ 93.5 °C	ASTM D 892	0/0	0/0	0/0	0/0

**Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.*

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