



Research & Development

# PRODUCT DATA SHEET

## AXCL GTI3 Motor Engine Oil

*(Semi Synthetic)*

### DESCRIPTION

AXCL GTI3 Semi Synthetic Motor Engine Oils are formulated for all Gasoline engines including EGR diesel engines. It provides optimum protection for engines requiring multigrade oil. The superior base oil provides both superior cold temperature and high temperature properties. The additive package is specifically formulated to address the severe demands of a diesel engine's internal environment. Its stable TBN additive package neutralizes damaging acids produced during the combustion process and will not rapidly deplete.

### PERFORMANCE LEVEL

API SN/SM/CF, MB 228.31, Volvo VDS-3, Renault RXD/RLD-2, MAN 3275, Mack EO-M+, Cummins 20078

### BENEFITS & ADVANTAGES

- Exceptional detergency and anti-wear properties Effective control of soot, sludge and piston deposits.
- Exceptional performances due to the lubricant's synthetic basis added to high performance additives.
- Extended drain capability.

### APPLICATION

This product is suitable for use in automotive gasoline and diesel engine where the manufacturer recommends API SN/CF or earlier specification lubricant.

### SPECIFICATION & PARAMETER

#	Test	Method	Result			
1.	Viscosity Grade	SAE	<b>10W-30</b>	<b>10W-40</b>	<b>15W-40</b>	<b>20W-50</b>
2.	Color	ASTM D 1500	L 2.5	L 2.5	L 2.5	L 3.0
3.	Kin. Viscosity @ 100 °C	ASTM D 445	10.50	14.78	14.50	19.00
4.	Kin. Viscosity @ 40 °C	ASTM D 445	66.3	103.5	106.3	173.2
5.	Viscosity Index	ASTM D 2270	147	150	140	125
6.	Density @ 15 °C	ASTM D 1298	0.858	0.875	0.870	0.886
7.	Foam Sequence I, II, III	ASTM D 892	0/0	0/0	0/0	0/0
8.	TBN mg KOH/g	ASTM D 2896	8.2	7.5	8.1	7.8
9.	Flash Point °C	ASTM D 92	228	230	238	248
10.	Pour Point °C	ASTM D 97	-42	-27	-33	-27
11.	Sulphated Ash, wt%	ASTM D 874	0.87	1.0	0.89	0.90

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

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