

# HPURE GEARMATIC E5

## Product Description

Mineral multipurpose gear oil formulated with advanced base oils and the latest technology additive system. It is both an automotive gear lubricant and industrial equipment extreme pressure lubricant. It has high thermal and oxidation stability, low pour point, and improved low temperature fluidity that delivers outstanding viscosity-temperature properties necessary for wide temperature range applications, optimised protection against thermal degradation and oxidation and wear and corrosion.

This product is applicable for heavy-duty manual transmissions, rear axles and industrial enclosed gears operating under severe conditions. These include worm gears where operations require lubricants with relatively high viscosity and excellent load carrying capability, and conditions where a wide temperature range, extreme pressures and shock loading are expected.

## Applications / Benefits

- γ Proven gear protection in low and high-speed conditions
- γ Reduce costs associated with seasonal oil changes
- γ Easier low temperature starting
- γ Wide multi-purpose capability

## Typical Characteristics

Test Description	Method	Unit	90	140	80W90	85W90
SAE Viscosity Grade	SAE J 300	-	90	140	80W90	85W90
Density @ 15 °C	ASTM D 4052	kg/L	0.892	0.908	0.890	0.895
Flash Point	ASTM D 92	°C	226	230	216	220
Pour Point	ASTM D 97	°C	-9	-9	-24	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	170.6	392	142.2	153
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	16.31	28.13	14.46	15.14
Viscosity Index	ASTM D 2270	-	99	98	100	99

## Typical Characteristics

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Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	<b>85W140</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.903
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 97	°C	27.4
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	371.7
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	27.4
Viscosity Index	ASTM D 2270	-	99

## Specifications, Approvals & Recommendations

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Y API	GL-5
Y GB	13895
Y MIL	L-2105-E

Reference No.  
9413G2GL5ECREVO

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