

# HPURE GEARMATIC M5

## Product Description

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**Mineral multipurpose gear oil manufactured from selected, highly refined base oil and blended with field-proven additives. This combination creates a product with excellent chemical and thermal stability over a wide temperature range.**

This product is designed to provide top performance under extreme pressure (EP) conditions by utilizing the core Sulfur-Phosphorus EP technology. This advanced chemistry allows it to be able to withstand the super high loads between the teeth of hypoid gear sets commonly found in modern vehicles' transmission system. This product has excellent thermal stability, corrosion resistance and is blended with antifoam to suppress excess forming. The superior sulfur / phosphorus additives technology is fully compatible with seals and gaskets.

## Applications / Benefits

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- γ Proven gear protection in low and high-speed conditions
- γ Reduces costs associated with seasonal oil changes
- γ Improves fuel economy
- γ Excellent thermal stability

## Typical Characteristics

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Test Description	Method	Unit	90	140	80W90	85W90
ISO Viscosity Grade	-	-	<b>90</b>	<b>140</b>	<b>80W90</b>	<b>85W90</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.896	0.910	0.885	0.897
Flash Point	ASTM D 92	°C	208	215	210	212
Pour Point	ASTM D 97	°C	-9	-6	-27	-18
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	198	402	139	172
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	17.1	27.8	14.7	16.5
Viscosity Index	ASTM D 2270	-	95	95	105	100

## Typical Characteristics

Test Description	Method	Unit	
ISO Viscosity Grade	-	-	<b>85W140</b>
Density @ 15 °C	ASTM D 4052	kg/L	0.907
Flash Point	ASTM D 92	°C	215
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	389
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	27.4
Viscosity Index	ASTM D 2270	-	96

## Specifications, Approvals & Recommendations

∩ API	GL-5
∩ MIL	L-2105D
∩ MS	PRF-2105E

Reference No.  
9405G2GL5REV0

Last revised date:  
6/10/2023