

UNITED UNIGEAR S5

Product Description

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. It is also suitable for most watercraft engines.

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 foaming. The superior sulfur / phosphorus additives technology is fully compatible with seals and gaskets.

Applications / Benefits

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

Typical Characteristics

Test Description	Method	Unit	90	140	80W90	85W90
ISO Viscosity Grade	-	-	90	140	80W90	85W90
Density @ 15 °C	ASTM D 4052	kg/L	0.8912	0.9089	0.8869	0.8878
Flash Point	ASTM D 92	°C	220	220	216	218
Pour Point	ASTM D 97	°C	-18	-12	-24	-21
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	149.2	401.1	138.6	143.4
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	14.84	28.28	14.48	14.68
Viscosity Index	ASTM D 2270	-	99	97	103	101

Typical Characteristics

Test Description	Method	Unit	
ISO Viscosity Grade	-	-	85W140
Density @ 15 °C	ASTM D 4052	kg/L	0.9048
Flash Point	ASTM D 92	°C	220
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	373
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	27.3
Viscosity Index	ASTM D 2270	-	99
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Specifications, Approvals & Recommendations

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

Reference No.
9413G2GL5REV1

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17-03-24