UNITED UNIGEAR S5

Product Description

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
SAE Viscosity Grade	SAE J 300	-	**90**	**140**	**80W90**	**85W90**
Density @ 15 ºC	ASTM D 4052	kg/L	0.888	0.905	0.881	0.885
Flash Point	ASTM D 92	ºC	220	222	216	218
Pour Point	ASTM D 97	ºC	-21	-9	-27	-24
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	154.8	397.7	139.4	150.1
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	15.6	28.3	14.7	15.3
Viscosity Index	ASTM D 2270	-	102	98	105	103

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	**85W140**
Density @ 15 ºC	ASTM D 4052	kg/L	0.897
Flash Point	ASTM D 92	ºC	220
Pour Point	ASTM D 97	ºC	-12
Kinematic Viscosity @ 40ºC	ASTM D 445	cSt	371.7
Kinematic Viscosity @ 100ºC	ASTM D 445	cSt	27.2
Viscosity Index	ASTM D 2270	-	99

Specifications, Approvals & Recommendations

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

Reference No.
9413G2GL5REV2

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