

UNITED UNIGEAR S4

Product Description

Mineral multipurpose gear oil specialty formulated to meet the unique requirements of API GL-4 service. This product is blended from selected base stocks and additives that yield a lubricant of excellent quality. This product utilizes sulfur-phosphorus chemistry and contains foam suppressants as well as corrosion inhibitors which are specially incorporated to protect bronze alloys. This product helps resist the formation of varnish deposits on synchronizer components thus assuring long, trouble-free operation.

Applications / Benefits

- * Proven gear protection in low and high-speed conditions
- * Will not cause glazing of synchronizer components
- * Superior thermal stability assures proper viscosity over wide temperature ranges
- * EP and antiwear additives minimize metal-to-metal contact whereby extending useful life of power train components

Typical Characteristics

Test Description	Method	Unit				
SAE Viscosity Grade	SAE J 300	-	90	140	80W90	85W90
Density @ 15 °C	ASTM D 4052	kg/L	0.8892	0.9019	0.8852	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	151.1	407.3	139.4	147.4
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	15.04	28.59	14.7	14.88
Viscosity Index	ASTM D 2270	-	99	97	105	100

Typical Characteristics

Test Description	Method	Unit	
SAE Viscosity Grade	SAE J 300	-	85W140
Density @ 15 °C	ASTM D 4052	kg/L	0.9053
Flash Point	ASTM D 92	°C	218
Pour Point	ASTM D 97	°C	-12
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	375.1
Kinematic Viscosity @ 100°C	ASTM D 445	cSt	27.72
Viscosity Index	ASTM D 2270	-	100

Specifications, Approvals & Recommendations

* API

GL-4

Reference No.
9413G2GL4REV1

Last revised date:
13-03-25