

Product Data Sheet

Servo Gear HP 80W/85W/90/140

Heavy Duty Automotive Gear Oils



Description

Servo Gear HP oils are extreme pressure automotive gear lubricants. These oils are blended from selected base stocks and contain additives to provide extreme pressure, anti-rust-corrosion characteristics

Performance, Features and Benefits

- Superior protection against low speed/high torque wear and against high speed scoring
- Outstanding Extreme pressure protection
- Satisfy the lubrication requirements of a wide variety of gears
- Provide protection against wear, due to good EP characteristics
- Give long service life even under high temperature operation since it has excellent oxidation stability
- Provide good protection against corrosion

Application

Servo Gear HP oils are recommended for passenger car, bus and highway truck hypoid, spiral bevel and worm gear axles and also manual transmission for which an extreme pressure gear lubricant of this type is required. Servo Gear HP 80 is specially designed for power transmission units of vehicles operating at sub-zero temperatures. These oils can also used in hypoid gear service when they are under severe service but are without shock loading application.

Approvals / Performance Standards / Recommendations

Servo Gear HP meets the performance requirement

- API GL 4
- IS: 1118-2019
- UK Defence CS 3000A
- US Military MIL-L-2105

Typical Physical Characteristics

Properties	Method	HP 80W	HP 85W	HP 90	HP 140
Kinematic Viscosity @ 100°C, cSt	ASTM D445	9.104	12.59	15.18	28.42
Kinematic Viscosity @ 40°C, cSt	ASTM D445	62.44	97.27	146.3	335.81
Viscosity Index	ASTM D2270	123	124	105	115
Flash point (COC), °C	ASTM D92	219	223	231	233
Pour Point, °C	ASTM D97	-33	-21	-12	-6

Health, Safety & Environment

Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. MSDS's are available upon request through your sales contract office, or at <https://cx.indianoil.in/>. This product should not be used for purposes other than its intended use. If disposing of used product, take care to protect the environment.

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