



## HP-GEAR 5 SERIES

### HIGH PERFORMANCE GEAR OIL

**T23 HP-GEAR 5 series** is formulated using high quality basestock couple together with technologically advanced gear oil additives. It is specially developed for lubricating hypoid gears subject to heavy loads, high slip between teeth and high temperatures.

**T23 HP-GEAR 5 series** is also intended for gear boxes or axles operating under various severe conditions in passenger car and heavy-duty application.

#### APPLICATIONS

**T23 HP-GEAR 5 series** is design to meet the most severe lubrication requirements found in modern passenger cars, commercial trucks and buses where hypoid gears set are subjected to severe loads and temperatures. **T23 HP-GEAR 5 series** also meets the API MT-1 requirement where it is intended for non-synchronized manual transmissions used in buses and heavy-duty trucks.

**T23 HP-GEAR 5LS series** is also suitable for axle application where a limited slip oil is required.

#### TYPICAL PROPERTIES

PROPERTIES	TEST METHOD	TYPICAL RESULTS	
SAE Grade	SAE J 300	80W90	85W140
Specific Gravity @ 15°C	ASTM D-4052	0.8968	0.9048
Flash Point, °C	ASTM D-92	220 (min)	220 (min)
Pour Point, °C	ASTM D-97	-18	-15
Kinematics Viscosity			
@ 40°C (cSt)	ASTM D-445	182.8	411.2
@ 100°C (cSt)	ASTM D-445	16.80	29.00
Viscosity Index	ASTM D-2270	97	98
Colour	ASTM D-1500	L2.0	L2.5

#### BENEFITS

- Continuous protection on gears operating under the most severe conditions involving heavy and shock loads conditions;
- Prevent oil deterioration and sludge formation;
- Excellent anti-rust and anti-corrosion properties on gears boxes and bearings;
- Proven gear protection in low and high-speed conditions.

Consult Owner Guide for specific application and suitability of the oil grade selected.

#### SPECIFICATIONS & STANDARDS

**T23 HP-GEAR 5 series** meets the performance standards of:

- API GL-5
- API MT-1
- Limited slip application

**T23 Lubricant** is a registered trademark of T23 International Pte Ltd.

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