



GATRIA HD SERIES

Tesla Gatria HD Series gear oils are high performance gear lubricant designed to provide effective in a wide range of automotive transmissions and axle drives where API GL-5 quality oils are specified. Tesla Gear HD Oils are formulated from carefully base stocks and well balanced extreme pressure additives. They give excellent protection towards gear components against wear and scoring, besides providing very good anti-corrosion protection and have been carefully inhibited against the formation of foam.

Tesla Gatria HD is recommended for manual transmissions and transaxles requiring oils meeting API GL-5 and for on-road passenger cars, light and heavy duty trucks, buses and vans.

Tesla Gear Oils HD is also recommended for off-highway equipment in construction, mining and agriculture. Tesla Gatria HD exceeds the specifications of API GL-5 and US MIL-L-2105D, as well as the requirements of most "Original Equipment Manufacturers" (OEMs).

Specifications: API GL-5, U.S.Military MIL-L-2104D

Property:	Test Method:	Typical Values:				
SAE Viscosity Grade	SAE J306	80W-90	80W	90	85W-140	140
Density @ 15°C kg/m ³	ASTM D4052	896	891	906	907	904
Kin. Viscosity @ 40°C mm ² /s	ASTM D7042	136	82.2	195	410	410
Kin. Viscosity @ 100°C mm ² /s	ASTM D7042	14.5	9.9	18.0	28.9	27.5
Cranking Viscosity C Cp	ASTM D5293	<150000@-26	<80600@-26		<150000@-12	
Viscosity Index	ASTM D2270	100	100	97	96	95
Flash Point (COC) °C	ASTM D92	215°C	210	-230	235	235
Pour Point °C	ASTM D97	-27	-30	-12	-18	-15
P.Code		1213	1210	1211	1214	1212

Color Varies from Country to Country. Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. Advice and opinion noted herein are given in good faith and on the basis of the best information available, information is based on past history of the grade only and must not be construed as a guarantee of performance nor any legal liability is accepted by Tesla Corporation or any of its affiliates. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available with your nearest TESLA office or at www.teslalube.com © Tesla Corporation, 2011

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Series**

Date Issued: 01-11-2011

Date Superseded:

Revision nr:

TESLA TECHNOPRODUCTS FZE

(A Subsidiary of York & Boston LLC USA)

Dubai Office: PO BOX 114132, Dubai, UAE

Phone: 971(4) 455 1070: Fax (971) (4) 455 1071 Cell: (971)(50) 1144201

email: info@teslalube.com