



# DENEbola 1100

Product Description: Tesla Denebola 1100 is mineral based “High Performance Diesel” (HPD) engine oil providing good performance in high output, high speed, and turbo charged engines operating under severe conditions.

Tesla Denebola 1100 has been formulated with carefully selected additives in mineral base stocks, to provide excellent detergency, dispersancy and anti wear performance. Tesla Denebola 1100 has excellent thermo-oxidative stability, controlling deposits and viscosity increase. Excellent soot handling controls soot induced oil thickening and effectively prevents wear. Tesla Denebola 1100 reduces piston deposits, protects against “Bore Polishing”, reduces oil consumption and allows extended drain intervals.

Tesla Denebola 1100 is recommended for turbo charged and naturally aspirated diesel engines such as used in on highway light and heavy duty trucking, construction, mining, agriculture and other off highway applications.

**Specifications: ACEA E2/A3/B3, API CG-4/ CF-4/CF/SL/SJ, Volvo VDS, , Renault Trucks RGD,**

Property:	Test Method:	Typical Values:	
SAE Viscosity Grade	SAE J300	15W40	20W50
Density @ 15°C kg/m <sup>3</sup>	ASTM D4052	885	888
Kinematic Viscosity @ 40°C mm <sup>2</sup> /s	ASTM D7042	111	190
Kinematic Viscosity @ 100°C mm <sup>2</sup> /s	ASTM D7042	15.5	21.3
Viscosity Index	ASTM D2270	145	132
Flash Point (COC) °C	ASTM D92	220	235
Pour Point °C	ASTM D97	-27	-25
Total Base Number (TBN) mgKOH/gm	ASTM D2896	11.5	11.5
P.Code		1111	1113

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](http://www.teslalube.com). © Tesla Corporation, 2011

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Date Superseded:

Revision nr:

**TESLA TECHNOPRODUCTS FZE**

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