



GRAFIA GEAR OILS

Tesla Grafia Gear Oils are premium quality heavy duty gear oil, primarily recommended for enclosed gear units working under severe shock operating conditions.

Tesla Grafia Gear Oils are formulated from carefully selected base stocks and sulphur/phosphorous extreme pressure (EP) additives.

Tesla Grafia Gear Oils provide excellent protection against high loads; prevent damage on tooth- and friction surfaces. Furthermore Tesla Grafia Gear Oils show excellent protection against rust and oxidation, while the excellent demulsification of the product allows easy water drain off. Tesla Grafia Gear oils are recommended for the lubrication of enclosed spur, helical, bevel and worm gears.

Specifications: USS 224, DIN 51517-3: CLP ISO 12925-1: L-CKC AGMA 9005 E-02 US Steel 224 David Brown S1.53.101(E)

ISO Viscosity Grade	22	32	46	68	100	150	220	320	460	680
Density, g/cc, D 4052	0.861	0.871	0.877	0.881	0.883	0.885	0.888	0.89	0.89	0.9
Kin. Viscosity Cst at 40°C, D 7042	22	32	46	68	100	150	220	320	460	680
Kin. Viscosity Cst at 100°C, D 7042	4.3	5.4	6.8	8.7	11.2	14.6	18.8	24	31	42.5
Viscosity Index, D 2270	>98	>98	>98	>98	>97	>96	>95	>95	>95	>95
COC Flash, D 92, °C	>175	>195	>195	>205	>220	>225	>230	>235	>240	>250
Pour Point, D97, °C	-25	-24	-22	-21	-20	-18	-15	-12	-9	-9
FZF pass Stage, Min, DIN 52354-2	12	12	12	12	12	12	12	12	12	12
Demulsibility at 54°C, DIN 51599,min	<40	<30	<30	<30	<60	<65	<68	<70	<75	<80
P.Code		1451	1452	1453	1454	1455	1456	1457	1458	1459

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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