



HALDUS HYDRAULIC OILS

Tesla Haldus Hydraulic Oils are premium quality anti wear hydraulic oils developed for use in high pressure hydraulic systems operating under varying temperatures where small viscosity changes with fluctuating temperatures are preferred.

Tesla Haldus Hydraulic Oils are formulated with carefully selected base stocks fortified with additives and a very shear stable viscosity index improver to impart excellent protection towards wear, rust, and oxidation. The viscosity improver reduces the viscosity decrease with rising temperatures.

Tesla Haldus Hydraulic Oils are formulated with field proven thermally stable, zinc based anti wear additives. Tesla Haldus Hydraulic Oils provide excellent water demulsibility as well as de-aeration and effectively protects against rust and oxidation.

Tesla Haldus Hydraulic Oils can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

Specifications: DIN 51524/3 HVLP, ISO 11158 HV, AFNOR NFE 48-603 HV

ISO Viscosity Grade	22	32	46	68	100
Density, g/cc, D 4052	0.859	0.871	0.875	0.881	0.882
Cst at 40°C, D 7042	22	32	46	68	100
Cst at 100°C, D 7042	5.6	6.3	7.7	10.9	14.5
Viscosity Index, D 2270	>135	150	>145	150	>155
COC Flash, D 92,°C	>175	>175	>180	>190	>195
Pour Point, D97,°C	-25	-24	-24	-24	-24
FZF pass Stage, Min, DIN 52354-2	11	11	11	11	12
Air release value at 50°C, minutes	<5	<5	<10	<10	<5
Demulsibility at 54°C, DIN 51599,min	<40	<20	<30	<30	<60
P.code		1405	1406	1407	1408

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, 2023

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Date Superseded:

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