



HYDROBIUS LA

Hydrobius LA is a premium quality zinc free anti-wear hydraulic oil developed for use in high pressure hydraulic systems operating under varying temperatures where small viscosity changes with fluctuating temperatures are preferred.

Hydrobius LA oil is 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.

Hydrobius LA is formulated with field proven thermally stable, **zinc free** based anti wear additives.

Hydrobius LA provides excellent water demulsibility as well as de-aeration and effectively protects against rust and oxidation.

Hydrobius LA can be used in hydraulic systems in stationary and mobile hydraulic systems, as well as for general machine lubrication.

Specifications: DIN 51524/2 HLP, ISO 11158 HM, AFNOR NFE 48-603 HM, Eaton(Vickers) M-2950-S/I-286-S

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	0.98	>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
P.Code	1691	1692	1693	1694	1695	1696	1697	1698	1699	1700

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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