

oilfino Gradus Line



DESCRIPTION

Oilfino Gradus was developed for operation in closed industrial gears under extreme conditions, around gears to protect optimally from Micropitting and Bearings from feeding damage. For straight and helical gears as well as for heavily loaded roller bearings and gear couplings.

PROPERTIES

This synthetic oil is very suitable for the lubrication of heavy loaded mechanical gearboxes and bearings with a high thermal load. In comparison with mineral industrial gear oils a substantial extension of the oil drain interval is possible. This oil is compatible with all seal materials and paints normally specified for use with mineral oils. So no special change-over procedure is necessary.

SPECIFICATIONS

- AGMA 9005-F16 (AS)
- David Brown S1.53.106
- ISO 12925-1 Type CKD
- AIST (US Steel) 224
- DIN 51517-3 CLP

Specific Data	Method	Unit	68	100	150	220	320	460
Viskositätsklasse		ISO VG	68	100	150	220	320	460
Density at 15°C	DIN 51757	kg/m ³	849	852	851	854	857	859
Viscosity at 40°C	DIN 51562	mm ² /s	68	98,1	150	220	321	460
Viscosity at 100°C	DIN 51562	mm ² /s	10,7	14,4	22,0	27,2	40,4	47,4
Viscosity index	DIN 2909		146	152	171	159	179	168
Pour point	DIN 3016	°C	-42	-51	-45	-42	-48	-36
Flash point	DIN 2592	°C	195	207	242	234	250	246
Acid number		mgKOH/g	1,1	0,71	0,80	0,61	1,10	0,70
Colour count	DIN 2049		1,0	1,0	1,0	1,0	1,0	1,0

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