

ABRIDGED DESCRIPTION / TYPICAL PHYSICAL PROPERTIES

TYPICAL PHYSICAL CHARACTERISTICS

Engen Dieselube	510	520	530	540	550
SAE No.	10W-20	20W-20	30	40	50
Viscosity, cSt @ 40 °C	40	66	100	143	244
cSt @100 °C	6,2	8,6	11,4	14,2	19,9
Viscosity Index	100	95	95	95	95
Flash Point, °C	204	213	218	227	229
Pour Point, °C	-32	-21	-18	-12	-9
Total Base No.,mgKOH/g	8,0	8,0	8,0	8,0	8,0
Sulphated Ash % m/m	1,0	1,0	1,0	1,0	1,0

DL 700 SUPER

SAE No.	15W-40
Viscosity, cSt @ 40 °C	115
cSt @ 100 °C	15
Viscosity Index	134
Flash Point °C	222
Pour Point °C	-27
Total Base No., mgKOH/g	11,5
Sulphated Ash, % m/m	1,45

Engen Gearlube EP	80W-90	90-A	85W-140
SAE No.	80W-90	90	85W-140
Viscosity, cSt @ 40 °C	131	180	366
cSt @100 °C	14,4	17,0	26,6
Viscosity Index	109	95	97
Pour Point °C	-27	-21	-12
Timken OK Load, kg	30	18	30

Engen Gearlube HP	80W-90	80W-A
SAE No.	80W-90	80W
Viscosity, cSt @ 40 °C	131	93
cSt @ 100 °C	14,4	11,5
Viscosity Index	100	95
Flash Point °C	164	165
Pour Point °C	-24	-27

ENGEN MULTIGRADE 20W/50

SAE No.	20W-50
Viscosity, cSt @ 40 °C	175
cSt @100 °C	19,4
Viscosity Index	127
Flash point °C	234
Pour Point °C	-30

Total Base No., mgKOH/g 10,5
Sulphated Ash, % m/m 1,0

Engen Premium Motor Oil	10W	20W-20	30	40	50
SAE No.	10W-20	20W-20	30	40	50
Viscosity cSt @ 40 °C	37,5	66,4	103	143	230
cSt @ 100 °C	6,2	8,8	11,7	14,4	19,8
Viscosity Index	111	104	102	99	99
Flash point °C	214	224	246	252	258
Pour Point °C	-33	-27	-21	-21	-18
Total Base No., mgKOH/g	5,0	5,0	5,0	5,0	5,0
Sulphated ash,% m/m	0,5	0,5	0,5	0,5	0,5

Engen TQH	10/15	10/32	10/46	10/68	10/100	10/150
Viscosity, cSt @ 40 °C	15	33	46	68	96	146
cSt @ 100 °C	3,8	6,5	7,9	10,2	12,5	16,5
Viscosity Index, min.	152	152	142	136	125	120
Pour Point, °C, max.	-54	-36	-33	-30	-27	-27
Application Range, °C	-45/72	-28/84	-28/88	-24/92	-17/96	-10/100
ISO VG	15	32	46	68	100	150

Engen TQH	20/15	20/22	20/32	20/46	20/68	20/100	20/150
Viscosity @ 40 °C, cSt	15	22	30	46	64	98	150
@ 100 °C, cSt	3,2	4,3	5,2	6,9	8,6	11	14,6
Viscosity Index	65	100	100	105	105	97	96
Pour Point, °C, max.	-18	-18	-18	-15	-15	-9	-9
ISO VG	15	22	32	46	68	100	150

TRANSFORMER OIL
Viscosity, cSt @ -15 °C 375
cSt @ 20 °C 33
Flash Point, °C, min. 140
Water Content, ppm max. 35
Dielectric Strength, kV min. 30

Genair	32	46	68	100
Viscosity, cSt @ 40 °C	32	46	65	100
cSt @ 100 °C	5,0	7,0	8,0	11,0
Viscosity Index, min.	95	95	95	95
Flash Point, °C, min.	179	199	205	210
Pour Point, °C, max.	-18	-18	-18	-9
ISO VG	32	46	68	100

Gencirc	150	220	320
Viscosity, cSt @ 40 °C	143	210	304

cSt @ 100 °C	15	18	23
Viscosity Index, min.	95	95	95
Flash Point, °C, min.	227	227	238
Density @ 20 °C, kg/l	0,883	0,889	0,894
David Brown/Crofts Grade	4/D	5/E	6/F
ISO VG	150	220	320

GENFREEZE 68

Viscosity, cSt @ 40 °C	66
cSt @ 100 °C	6,7
Viscosity Index, min.	28
Flash Point, °C, min.	194
Pour Point, °C, max.	-30
Density @ 15 °C, kg/l	0,902
ISO VG	68

Gengear	68	100	150	220 320	460	680	
Viscosity, cSt @ 40 °C	65	100	140	210	305	440	650
cSt @ 100 °C	8,6	11,3	14,5	18,3	23,3	30,0	36,0
Viscosity Index, min.	95	95	95	95	95	95	80
Flash Point, °C min.	204	208	210	216	232	232	232
Pour Point, °C max.	-24	-24	-24	-18	-15	-6	-6
Neutralization No., max.	1,5	1,5	1,5	1,5	1,5	1,5	1,5
FZG, Stages Passed	>12	>12	>12	>12	>12	>12	>12
AGMA No.	2EP	3EP	4EP	5EP	6EP	7EP	8EP
ISO VG	68	100	150	220	320	460	680

Genheat

Viscosity, cSt @ 40 °C	22	32
cSt @ 100 °C	20	30
Viscosity Index, min.	4,06	5,15
Flash Point, °C, typ.	97	95
Pour Point, °C, max.	204	210
Density @ 20 °C, kg/l	-15	-12
IBP, °C	0,854	0,865
	316	325

Genlite

NLGI No.	2	3
Thickener Type	2	3
Worked Penetration @ 25 °C	Lithium 12 Hydroxystearate	Lithium 12 Hydroxystearate
Drop Point, °C, min.	265/295	220/250
Oil Viscosity, cSt @ 40 °C	180	180
Colour, Visual	90/110	90/110
Operating Temp, °C, max.	Dark Brown	Dark Brown
	120	120

Genlite	EP 22	EP 23
NLGI No.	2	3
Thickener Type	Lithium 12 hydroxystearate	Lithium 12 hydroxystearate
Drop Point, °C, min.	180	180
Worked Penetration @ 25 °C	265/295	220/250
Oil Viscosity, cSt @ 40 °C	210/230	210/230
Timken O.K. Load, kg, min.	25	20
Colour, Visual	Brown	Brown
Operating Temp, °C, max.	120	120

Genmarine EO	3015	4015
SAE No.	30	40
Viscosity, cSt @ 40 °C	110	150
cSt @ 100 °C	11,8	14,4
Viscosity Index, min.	96	95
Flash Point, °C, min.	218	227
Total Base No., mg KOH/g, min.	12	12
Sulphated Ash, % m/m	2,1	2,1

Genmarine EO	3030	4030
SAE No.	30	40
Viscosity, cSt @ 40 °C	110	140
cSt @ 100 °C	11,8	14,4
Viscosity Index, min.	96	95
Flash Point, °C, min.	218	227
Total Base No., mg KOH/g, min.	30	30
Sulphated Ash, % m/m	4,2	4,2

Genmarine EO	5070
SAE No.	50
Viscosity, cSt @ 40 °C	195
cSt @ 100 °C	20,9
Viscosity Index, min.	95
Flash Point, °C, min.	225
Pour Point, °C, max.	-6
Total Base No., mg KOH/g, min.	70
Sulphated Ash, % m/m	9,1

GENSOL GP	
Viscosity, cSt @ 40 °C	22,5
Flash Point °C, min.	120
Density @ 20 °C, kg/l	0,884
Cast Iron Corrosion, max.	0
Copper Corrosion, 3hrs @ 50 °C, max.	1b
pH of a 5 % Emulsion	10,0
Colour, Visual	Light Brown

ZENEX AGRON GEN FOUR

SAE No.	40
Viscosity, cSt @ 40 °C	148
cSt @ 100 °C	14,8
Viscosity Index, min.	99
Flash Point, °C, min.	250
Pour Point, °C, max.	-4
Total Base No., mg KOH/g, min.	13,6