



Daewood Lina ZERO

DaewoodLinaZero 0W20 is a very high performance, ultra-low viscosity Fluid, fully synthetic lubricant for gasoline and hybrid engines, including the ones complying with ACEA C5 standard. Daewood Lina Zero 0W20 is formulated to help to increase engine efficiency and improve fuel economy benefits, while providing outstanding overall engine protection. This product meets or exceeds the requirements of the latest ACEA industry specifications for petrol and hybrid engine oils, as well as the requirements of many major European engine manufacturers. Suitable for use in passenger cars.

Specifications : ACEA C5; API SP and RC; API SN Plus and RC; ILSAC GF-6A & GF-5; BMW LL17FE+ (BMW LL14FE+ backward compatible); MB 229.71; VW 508.00/509.00; Porsche C20; RN17FE; Volvo VCC RBS0-2AE 0W-20; Opel Vauxhall OV0401547; Ford WSS-M2C947-B1; Ford WSS-M2C962-A1; Jaguar STJLR.03.5006-16; Jaguar STJLR.51.5122; Land Rover STJLR.51.5122; Fiat 9.55535-GSX; **Chrysler MS-12145**

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.837
Viscosity @ 100°C, cSt	ASTM D445	8.1
Viscosity @ 40°C, cSt	ASTM D445	40
Viscosity Index	ASTM D2270	183
Cold Crank Simulator, cP	ASTM D5293	6,200 @ -35 °C
HTHS Viscosity 150°C, mPa.s	—	2.70
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	230
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

FORMULATED

API SERVICE SP
SAE
0W-20
SN PLUS

ALSO RECOMMENDED
FOR HYBRIDS

BIOFUEL
COMPATIBLE



Daewood Lina ZERO

Daewood Lina Zero 0W16 is a very high performance, ultra-low viscosity Fluid, fully synthetic lubricant for gasoline and hybrid engines, including the ones complying with ILSAC GF-6B standard. Daewood Lina Zero 0W16 is formulated to help to increase engine efficiency and improve fuel economy benefits, while providing outstanding overall engine protection. This product meets or exceeds the requirements of the latest API and ILSAC industry specifications for petrol and hybrid engine oils, as well as the requirements of many major American engine manufacturers. Suitable for use in passenger cars.

Specifications : API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-6B; GM dexos1™ Gen 2

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.838
Viscosity @ 100°C, cSt	ASTM D445	7.2
Cold Crank Simulator, cP	ASTM D5293	6,200 @ -35 °C
HTHS Viscosity 150°C, mPa.s	—	2.70
Pour Point, °C	ASTM D97	-50
Flash Point, °C	ASTM D92	230
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



API SERVICE SP
SAE
0W-16
SN PLUS

ALSO RECOMMENDED
FOR HYBRIDS

BIOFUEL
COMPATIBLE

Daewood Lina **One** SAE 5W30 ACEA C4

Meets and exceeds: ACEA C4, C3, Renault RN0720, MB 229.31, 229.51, 226.51, Fiat 9.55535-S4



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.850
Viscosity @ 100°C, cSt	ASTM D445	11.8
Viscosity @ 40°C, cSt	ASTM D445	67
Viscosity Index	ASTM D2270	165
Cold Crank Simulator, cP	ASTM D5293	5,800 @ -30 °C
HTHS Viscosity 150°C, mPa.s	—	2.70
Pour Point, °C	ASTM D97	-35
Flash Point, °C	ASTM D92	230
Total Base Number (TBN), KOH/g	ASTM D2896	7

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewood Lina **One** SAE 0W30 ACEA C2/C3

Meets and exceeds: ACEA C2/C3; API SP; API SN; API SN Plus; MB 229.31/229.51/229.52; BMW LL04; dexos 2; Renault RN0700; Renault RN0710; VW 504.00/507.00; Porsche C30; PSA B71 2390-2014; PSA B71 2312-2017; Fiat 9.55535-DS1; Fiat 9.55535-CS1



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.846
Viscosity @ 100°C, cSt	ASTM D445	12.2
Viscosity @ 40°C, cSt	ASTM D445	67.8
Viscosity Index	ASTM D2270	165
Cold Crank Simulator, cP	ASTM D5293	6,200 @ -35 °C
HTHS Viscosity 150°C, mPa.s	—	3.50
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	250
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewood Lina **One** SAE 5W30 ACEA C2/C3

Meets and exceeds: ACEA C2/C3; API SP; API SN; API SN Plus; MB 229.31/229.51/229.52 (approval); BMW LL04; dexos 2; Renault RN0700; Renault RN0710; RN17 level; VW 504.00/507.00 (approval); Porsche C30; Fiat 9.55535-S3; Ford WSS-M2C917-A; PSA B71 2290; PSA B71 2297;



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.850
Viscosity @ 100°C, cSt	ASTM D445	12.1
Viscosity @ 40°C, cSt	ASTM D445	72.8
Viscosity Index	ASTM D2270	164
Cold Crank Simulator, cP	ASTM D5293	6,600 @ -30 °C
HTHS Viscosity 150°C, mPa.s	—	3.58
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	254
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewood Lina **One** SAE 5W40 ACEA C3

Meets and exceeds: ACEA C3 (A3/B4 backward compatible); API SP; API SN; API SN Plus; MB 229.31/229.51; BMW LL04; dexos 2; Porsche A40; Renault RN0700; Renault RN0710; VW 502.00/505.00; Fiat 9.55535-S2; Ford WSS-M2C917-A; PSA B71 2296



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.855
Viscosity @ 100°C, cSt	ASTM D445	14.5
Viscosity @ 40°C, cSt	ASTM D445	90
Viscosity Index	ASTM D2270	170
Cold Crank Simulator, cP	ASTM D5293	<6,600 @ -30 °C
HTHS Viscosity 150°C, mPa.s	—	3.50
Pour Point, °C	ASTM D97	-39
Flash Point, °C	ASTM D92	230
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewoo Lina 7 SAE 0W40 SN Plus ACEA A3/B4

Meets and exceeds: ACEA A3/B4; API SN PLUS; MB 229.3/229.5; BMW LL01; Porsche A40; VW 502.00/505.00; PSA B71 2296; Renault RN0700; Renault RN0710



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.847
Viscosity @ 100°C, cSt	ASTM D445	13
Viscosity @ 40°C, cSt	ASTM D445	75
Viscosity Index	ASTM D2270	176
Cold Crank Simulator, cP	ASTM D5293	<6,200 @ -35 °C
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina 7 SAE 5W40 SN Plus ACEA A3/B4

Meets and exceeds: ACEA A3/B4; API SN PLUS; MB 229.3/229.5; BMW LL01; Porsche A40; VW 502.00/505.00; PSA B71 2296; Renault RN0700; Renault RN0710



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.855
Viscosity @ 100°C, cSt	ASTM D445	14.5
Viscosity @ 40°C, cSt	ASTM D445	90
Viscosity Index	ASTM D2270	≥165
Cold Crank Simulator, cP	ASTM D5293	<6,600 @ -30 °C
Pour Point, °C	ASTM D97	-36
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina 7 SAE 5W30 SP ILSAC-GF-6A

Meets and exceeds: API SP and RC; API SN and RC; API SN Plus and RC; API SN/CF; ILSAC GF-5; ILSAC GF-6A; GM dexos1™ Gen 2; ACEA A1/B1; A5/B5



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.854
Viscosity @ 100°C, cSt	ASTM D445	10.5
Viscosity @ 40°C, cSt	ASTM D445	60
Viscosity Index	ASTM D2270	≥150
Cold Crank Simulator, cP	ASTM D5293	<6,600 @ -30 °C
Pour Point, °C	ASTM D97	-36
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina 7 Specific F 5W30 API SN ACEA A5/B5

Meets and exceeds: ACEA A5/B5; API SN; FORD WSS-M2C913-D; FORD WSS-M2C913-C; FORD WSS-M2C913-B; FORD WSS-M2C913-A; VOLVO VCC 95200377; MB 229.6; FIAT 9.55535-G1; JAGUAR STJLR.03.5003; LAND ROVER TJLR.03.5003



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.850
Viscosity @ 100°C, cSt	ASTM D445	10
Viscosity @ 40°C, cSt	ASTM D445	55
Viscosity Index	ASTM D2270	≥150
Cold Crank Simulator, cP	ASTM D5293	<6,600 @ -30 °C
Pour Point, °C	ASTM D97	-36
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	8



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

DEAWOO LABELLING EXPLAINED

API SP

PETROL
A

DIESEL
B

PETROL & DIESEL
C

DIESEL
E

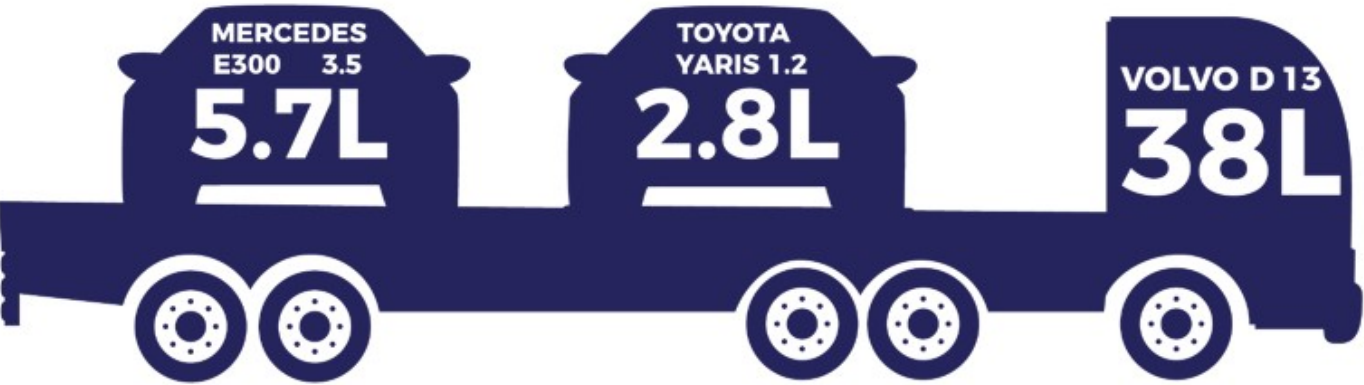
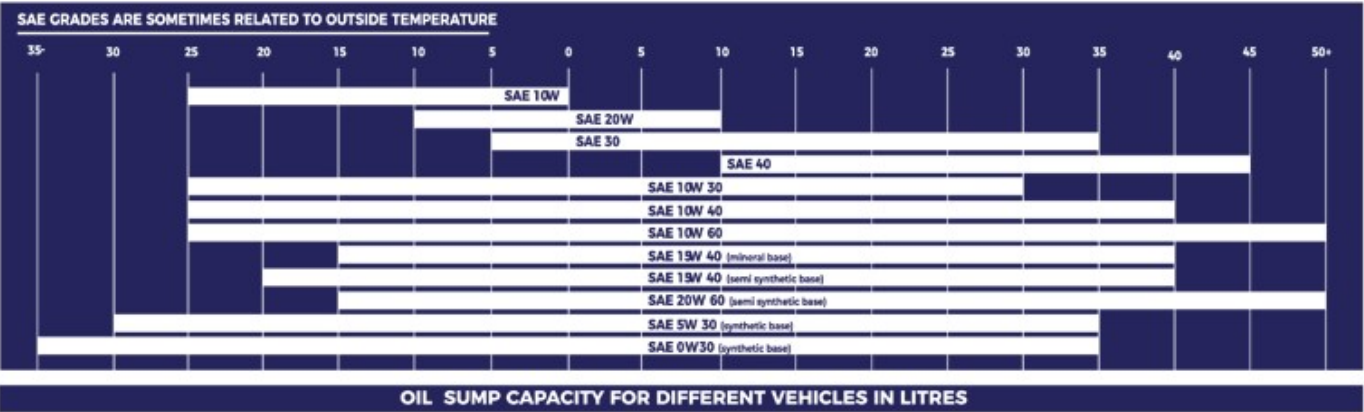
ACEA C2/C3

MANUFACTURES
OEM CODES



5W30

MINERAL SYNTHETIC



Daewoo Lina **Blue** SAE 0W20 SP ILSAC-GF-6A

Meets and exceeds: API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-5; ILSAC GF-6A; Ford WSS-M2C947-A; Ford WSS-M2C947-B1; FORD WSS-M2C962-A1; GM 6094M; GM dexos™ Gen 2; ACEA A1/B1

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.850
Viscosity @ 100°C, cSt	ASTM D445	7.5
Viscosity @ 40°C, cSt	ASTM D445	40
Viscosity Index	ASTM D2270	158
Cold Crank Simulator, cP	ASTM D5293	<6,200 @ -35°C
Pour Point, °C	ASTM D97	-45
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewoo Lina **Blue** SAE 5W20 SP, SN, CF ILSAC-GF-6A

Meets and exceeds: API SP and RC; API SN and RC; API SN Plus and RC; ILSAC GF-5; ILSAC GF-6A; Ford WSS-M2C945-A; Ford WSS-M2C945-B1; Ford WSS-M2C960-A1; Ford WSS-M2C930-A; GM 6094M; Chrysler MS-6395; GM dexos™ Gen 2; ACEA A1/B1

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.850
Viscosity @ 100°C, cSt	ASTM D445	6.5
Viscosity @ 40°C, cSt	ASTM D445	36
Viscosity Index	ASTM D2270	≥140
Cold Crank Simulator, cP	ASTM D5293	<6,600 @ -30 °C
Pour Point, °C	ASTM D97	-36
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewoo Lina **Blue** SAE 10W30 SN PLUS ACEA A1/B1

Meets and exceeds: API SN PLUS; ACEA A1/B1

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.870
Viscosity @ 100°C, cSt	ASTM D445	10.5
Viscosity @ 40°C, cSt	ASTM D445	69
Viscosity Index	ASTM D2270	143
Cold Crank Simulator, cP	ASTM D5293	<7,000 @ -25 °C
Pour Point, °C	ASTM D97	-33
Flash Point, °C	ASTM D92	>230
Total Base Number (TBN), KOH/g	ASTM D2896	9

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewoo Lina **Blue** SAE 10W40 SN PLUS ACEA A3/B4

Meets and exceeds: API SN PLUS; ACEA A3/B4

TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.874
Viscosity @ 100°C, cSt	ASTM D445	14.5
Viscosity @ 40°C, cSt	ASTM D445	97
Viscosity Index	ASTM D2270	160
Cold Crank Simulator, cP	ASTM D5293	<7,000 @ -25 °C
Pour Point, °C	ASTM D97	-25
Flash Point, °C	ASTM D92	230
Total Base Number (TBN), KOH/g	ASTM D2896	10

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk



Daewoo Lina **Sky** SAE 10W30 SL/CF

Meets and exceeds API SL/CF:ACA A1/B1



TYPICAL PROPERTIES

Density @15°C,Kg/l	ASTM D1298	0.870
Viscosity@100°C,cSt	ASTM D445	11.5
Viscosity@40°C,cSt	ASTM D445	76
Viscosity Index	ASTM D2270	140
Cold Crank Simulator,CP	ASTM D5293	7,000 @ -25 °C
Pour Point , °C	ASTM D97	-30
Flash Point °C	ASTM D92	220
Total Base Number(TBN):Koh/g	ASTM D2896	10



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Sky** SAE 10W40 SL/CF

Meets and exceeds API SL/CF:ACA A3/B4



TYPICAL PROPERTIES

Density @15°C,Kg/l	ASTM D1298	0.874
Viscosity@100°C,cSt	ASTM D445	14.5
Viscosity@40°C,cSt	ASTM D445	97
Viscosity Index	ASTM D2270	160
Cold Crank Simulator,CP	ASTM D5293	<7,000 @ -25°C
Pour Point , °C	ASTM D97	25
Flash Point °C	ASTM D92	230
Total Base Number(TBN):Koh/g	ASTM D2896	10



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Sky** SAE 14W40 SL/CF

Meets and exceeds API SL/CF:ACA A1/B1



TYPICAL PROPERTIES

Density @15°C,Kg/l	ASTM D1298	0.874
Viscosity@100°C,cSt	ASTM D445	14.8
Viscosity@40°C,cSt	ASTM D445	122
Viscosity Index	ASTM D2270	135
Cold Crank Simulator,CP	ASTM D5293	<7,000 @ -20°C
Pour Point , °C	ASTM D97	25
Flash Point °C	ASTM D92	230
Total Base Number(TBN):Koh/g	ASTM D2896	10



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Sky** SAE 20W50 SL/CF

Meets and exceeds API SL/CF:ACA A1/B1



TYPICAL PROPERTIES

Density @15°C,Kg/l	ASTM D1298	0.890
Viscosity@100°C,cSt	ASTM D445	18.8
Viscosity@40°C,cSt	ASTM D445	160
Viscosity Index	ASTM D2270	132
Cold Crank Simulator,CP	ASTM D5293	<9,500 @ -150C
Pour Point , °C	ASTM D97	27
Flash Point °C	ASTM D92	235
Total Base Number(TBN):Koh/g	ASTM D2896	10



AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Pro** SAE 20W40 API SJ (Recommended for Tuk Tuk)

Meets and exceeds: API SJ; ACEA A1/B1



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.885
Viscosity @ 100°C, cSt	ASTM D445	15.3
Viscosity @ 40°C, cSt	ASTM D445	136
Viscosity Index	ASTM D2270	120
Cold Crank Simulator, cP	ASTM D5293	<9500 @ -15 °C
Pour Point, °C	ASTM D97	-24
Flash Point, °C	ASTM D92	220
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Pro** SAE 20W50 API SF

Meets and exceeds: API SF; ACEA A1/B1



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.890
Viscosity @ 100°C, cSt	ASTM D445	17.8
Viscosity @ 40°C, cSt	ASTM D445	144
Viscosity Index	ASTM D2270	136
Cold Crank Simulator, cP	ASTM D5293	<9,500 @ -15 °C
Pour Point, °C	ASTM D97	-24
Flash Point, °C	ASTM D92	220
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Pro** SAE 40 API SF

Meets and exceeds: API SF; ACEA A1/B1



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.895
Viscosity @ 100°C, cSt	ASTM D445	15.6
Viscosity @ 40°C, cSt	ASTM D445	157.4
Viscosity Index	ASTM D2270	95
Pour Point, °C	ASTM D97	-18
Flash Point, °C	ASTM D92	235
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk

Daewoo Lina **Pro** SAE 50 API SF

Meets and exceeds: API SF; ACEA A1/B1



TYPICAL PROPERTIES

Density @ 15°C, kg/l	ASTM D1298	0.898
Viscosity @ 100°C, cSt	ASTM D445	20.5
Viscosity @ 40°C, cSt	ASTM D445	204.3
Viscosity Index	ASTM D2270	95
Pour Point, °C	ASTM D97	-15
Flash Point, °C	ASTM D92	248
Total Base Number (TBN), KOH/g	ASTM D2896	8

AVAILABLE PACKS

1L, 4L, 5L, 20L, 25L, 208L, Bulk