

15. 6 BRANDS AND PROPERTIES OF LUBRICATING GREASES

Table 15. 8 Brands of Lubricating Greases

Brands	Thickeners	Base Oils
ADREX	Lithium	Mineral oil
APPOLIOIL-AUTOREX A	Lithium	Mineral oil
Arapen RB 300	Lithium/Calcium	Mineral oil
EA2 Grease	Urea	Poly- α -olefin oil
EA3 Grease	Urea	Poly- α -olefin oil
EA5 Grease	Urea	Poly- α -olefin oil
EA7 Grease	Urea	Poly- α -olefin oil
EMC Grease	Urea	Polyol ester oil + Mineral oil
ENS Grease	Urea	Polyol ester oil
ECZ	Lithium + Carbon black	Poly- α -olefin oil
ISOFLEX NBU 15	Barium Complex	Diester oil + Mineral oil
ISOFLEX SUPER LDS 18	Lithium	Diester oil
ISOFLEX TOPAS NB52	Barium Complex	Poly- α -olefin oil
Aero Shell Grease 7	Micro Gel	Diester oil
SH 33 L Grease	Lithium	Silicone oil
SH 44 M Grease	Lithium	Silicone oil
NS HI-LUBE	Lithium	Polyol ester oil + Diester oil
NSA	Lithium	Poly- α -olefin oil + Ester oil
NSC Grease	Lithium	Alkyl(diphenyl) ether oil + Polyol ester oil
NSK Clean Grease LG2	Lithium	Poly- α -olefin oil + Mineral oil
EMALUBE 8030	Urea	Mineral oil
MA8 Grease	Urea	Alkyl(diphenyl) ether oil + Poly- α -olefin oil
KRYTOX GPL-524	PTFE	Perfluoropolyether oil
KP1	PTFE	Perfluoropolyether oil
Cosmo Wide Grease WR No.3	Sodium Terephthalate	Polyol ester oil + Mineral oil
G-40M	Lithium	Silicone oil
Shell Alvania EP Grease 2	Lithium	Mineral oil
Shell Alvania Grease S1	Lithium	Mineral oil
Shell Alvania Grease S2	Lithium	Mineral oil
Shell Alvania Grease S3	Lithium	Mineral oil
Shell Cassida Grease RLS 2	Aluminum Complex	Poly- α -olefin oil
SHELL SUNLIGHT Grease 2	Lithium	Mineral oil
WPH G Grease	Urea	Poly- α -olefin oil
DEMNUM Grease L-200	PTFE	Perfluoropolyether oil

Notes (1) If grease will be used at the upper or lower limit sufficient of the temperature range or in a special environment such as vacuum, it is advisable to consult NSK.

(2) For short-term operation or when cooling is grease may be used at speeds exceeding the above limits provided the supply of grease is appropriate.

and Comparison of Properties

Dropping Point (°C)	Consistency	Working Temperature Range(°)(°C)	Pressure Resistance	Usable Limit Compared to Listed Limiting Speed(%)
198	300	0 to +110	Good	70
198	280	-10 to +110	Fair	60
177	294	-10 to + 80	Fair	70
≥260	243	-40 to +150	Fair	100
≥260	230	-40 to +150	Fair	100
≥260	251	-40 to +160	Good	60
≥260	243	-40 to +160	Fair	100
≥260	262	-40 to +160	Fair	70
≥260	264	-40 to +160	Poor	100
≥260	243	-10 to +120	Fair	100
≥260	280	-30 to +120	Poor	100
195	280	-50 to +110	Poor	100
≥260	280	-40 to +130	Poor	90
≥260	288	-55 to +100	Poor	100
210	310	-60 to +120	Poor	60
210	260	-30 to +130	Poor	60
192	250	-40 to +130	Poor	100
201	311	-40 to +130	Fair	70
192	235	-30 to +140	Fair	70
201	199	-40 to +130	Poor	100
≥260	280	0 to +130	Good	60
≥260	283	-30 to +160	Fair	70
≥260	265	0 to +200	Fair	70
≥260	280	-30 to +200	Fair	60
≥230	227	-40 to +130	Poor	100
223	252	-30 to +130	Poor	60
187	276	0 to + 80	Good	60
182	323	-10 to +110	Fair	70
185	275	-10 to +110	Fair	70
185	242	-10 to +110	Fair	70
≥260	280	0 to +120	Fair	70
200	274	-10 to +110	Fair	70
259	240	-40 to +150	Fair	70
≥260	280	-30 to +200	Fair	60

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Brands	Thickeners	Base Oils
NIGACE WR-S	Urea	Mixed oil
NIGLUB RSH	Sodium Complex	Polyalkylene Glycol oil
PYRONOC UNIVERSAL M6B	Urea	Mineral oil
PALMAX RBG	Lithium Complex	Mineral oil
Beacon 325	Lithium	Diester oil
MULTEMP PS No.2	Lithium	Mineral oil + Diester oil
MOLYKOTE FS-3451 Grease	PTFE	Fluorosilicone oil
UME Grease	Urea	Mineral oil
UMM Grease 2	Urea	Mineral oil
RAREMAX AF-1	Urea	Mineral oil

Dropping Point (°C)	Consistency	Working Temperature Range(°)(°C)	Pressure Resistance	Usable Limit Compared to Listed Limiting Speed(%)
≥260	230	-30 to +150	Poor	70
≥260	270	-20 to +120	Fair	60
238	290	0 to +130	Fair	70
216	300	-10 to +130	Good	70
190	274	-50 to +110	Poor	100
190	275	-50 to +110	Poor	100
≥260	285	0 to +180	Fair	70
≥260	268	-10 to +130	Fair	70
≥260	267	-10 to +130	Fair	70
≥260	300	-10 to +130	Fair	70

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