

SHELL GADUS ESSENTIAL GUIDE TO GREASES

DESIGNED TO MEET CHALLENGES



KEY CHARACTERISTICS							APPLICATION								GREASE FEATURE														
SHELL GREASE	TIER (Higher is better)	THICKENER TYPE	BASE OIL VISCOSITY cSt @ 40°C	NLGI GRADE (Grease consistency)	TEMPERATURE RANGE	COLOUR	PLAIN BEARINGS	ROLLER BEARINGS	ENCLOSED GEARS	GEARED COUPLINGS	SLIDES, LINKAGES AND PINS	ELECTRIC MOTORS	WIRE ROPES	OPEN GEARS	HIGH SPEED	LOW SPEED	HIGH TEMP.	LOW TEMP.	EXTREME PRESSURE	VIBRATION	WATER	SHOCK LOAD	LIFE	CONTAINS SOLIDS	PUMP-ABILITY	TACTIC EMV*	SHELL GREASE		
																													
Shell Gadus S5 T460 1.5	S5	Polyurea	460	1.5	-40°C to 180°C	–																					Shell Gadus S5 T460 1.5		
Shell Gadus S5 V142W 00	S5	Lithium	142	00	-30°C to 130°C	–																				n/a	Shell Gadus S5 V142W 00		
Shell Gadus S5 V100 2	S5	Lithium complex	100	2	-50°C to 150°C	–																					Shell Gadus S5 V100 2		
Shell Gadus S5 T100 2	S5	Polyurea	100	2	-40°C to 180°C	–																					Shell Gadus S5 T100 2		
Shell Gadus S5 V42P 2.5	S5	Lithium	42	2.5	-30°C to 130°C	–																				n/a	Shell Gadus S5 V42P 2.5		
Shell Gadus S4 V45AC 00/000	S4	Lithium calcium	45	00/000	-40°C to 120°C	Red																				n/a	Shell Gadus S4 V45AC 00/000		
Shell Gadus S3 T460 1.5	S3	Polyurea	460	1.5	-10°C to 160°C	–																				n/a	Shell Gadus S3 T460 1.5		
Shell Gadus S3 V460XD 2	S3	Lithium complex	460	2	-20°C to 150°C	Black																				n/a	Shell Gadus S3 V460XD 2		
Shell Gadus S3 V460D 2	S3	Lithium complex	460	2	-20°C to 150°C	Black																					Shell Gadus S3 V460D 2		
Shell Gadus S3 V460 2	S3	Lithium complex	460	2	-20°C to 150°C	–																				n/a	Shell Gadus S3 V460 2		
Shell Gadus S3 T220 2	S3	Polyurea	220	2	-20°C to 160°C	–																					Shell Gadus S3 T220 2		
Shell Gadus S3 V220C 1	S3	Lithium complex	220	1	-25°C to 140°C	Red																				n/a	Shell Gadus S3 V220C 1		
Shell Gadus S3 V220C 2	S3	Lithium complex	220	2	-25°C to 140°C	Red																					Shell Gadus S3 V220C 2		
Shell Gadus S3 T100 2	S3	Polyurea	100	2	-20°C to 160°C	–																				n/a	Shell Gadus S3 T100 2		
Shell Gadus S2 U460L 2	S2	Clay	460	2	-10°C to 180°C	–																				n/a	Shell Gadus S2 U460L 2		
Shell Gadus S2 V220AC 2	S2	Lithium calcium	220	2	-20°C to 120°C	Red																				n/a	Shell Gadus S2 V220AC 2		
Shell Gadus S2 V220AD 2	S2	Lithium calcium	220	2	-10°C to 120°C	Black																				n/a	Shell Gadus S2 V220AD 2		
Shell Gadus S2 V220 00	S2	Lithium	220	00	-30°C to 110°C	–																				n/a	Shell Gadus S2 V220 00		
Shell Gadus S2 V220 0	S2	Lithium	220	0	-20°C to 120°C	–																				n/a	Shell Gadus S2 V220 0		
Shell Gadus S2 V220 1	S2	Lithium	220	1	-20°C to 120°C	–																				n/a	Shell Gadus S2 V220 1		
Shell Gadus S2 V220 2	S2	Lithium	220	2	-20°C to 120°C	–																				n/a	Shell Gadus S2 V220 2		
Shell Gadus S2 V100 2	S2	Lithium	100	2	-25°C to 130°C	–																				n/a	Shell Gadus S2 V100 2		
Shell Gadus S2 V100 3	S2	Lithium	100	3	-20°C to 130°C	–																				n/a	Shell Gadus S2 V100 3		
Shell Gadus S2 V20XKD 0	S2	Lithium	20	0	-50°C to 80°C	Black																				n/a	Shell Gadus S2 V20XKD 0		
Shell Gadus S2 High Speed Coupling Grease	S2	Lithium	>3200	0.5	-30°C to 120°C	–																				n/a	Shell Gadus S2 High Speed Coupling Grease		
Shell Gadus S2 OGH 0/00	S2	Clay	730	0/00	-10°C to 200°C	Black																				n/a	Shell Gadus S2 OGH 0/00		
Shell Gadus S1 V220 2	S1	Lithium	220	2	-10°C to 110°C	–																				n/a	Shell Gadus S1 V220 2		
Shell Gadus S1 V160 2	S1	Lithium	160	2	-10°C to 120°C	–																				n/a	Shell Gadus S1 V160 2		
Shell Gadus S1 V160 3	S1	Lithium	160	3	-10°C to 120°C	–																				n/a	Shell Gadus S1 V160 3		

PRODUCT-NAME SUFFIX KEY				THICKENER GUIDE LETTERS			
A	= Wet (aqueous) conditions	K	= Low temperatures	T	= Extreme-temperature performance using Shell polyurea thickeners		
C	= Coloured grease	L	= Low load	U	= Unusual non-melting thickeners or other applications		
D	= Contains solids, suitable for shock-load conditions	OG	= Open gear	V	= Versatile, multipurpose applications using lithium and lithium complex thickeners		
H	= Heavy duty	P	= Extreme/high pressure				
		X	= Extra/extreme performance				

- Outstanding performance in application
- Good performance in application
- Validate use with Shell representative
- Not suitable for this application
- n/a Not available in Tactic EMV

* Available in Shell Tactic EMV automatic lubricators, designed to provide continuous lubrication, well-suited for difficult to access areas such as remote and hazardous locations.