

Shell Marine Product Catalogue

No		Products Name			Product Description				
Low Speed Engines									
	SAE Grade	Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
1	Shell Alexia 50	50	-	19,5	70	>205	<-6	932	High quality cylinder oil for low speed, two stoke diesel engines burning heavy fuel oil. Viscosity index >95
2	Shell Melina S 30	30	104	11,6	5	227	-18	888	Advanced multifunctional crantckcase system lubricant for low speed marine diesel engines
Medium Speed Engines									
	SAE Grade	Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
3	Shell Argina S3 30	30	105	11,9	30	210	-21	900	Multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating on residual fuel with sulphur content <3.0%
4	Shell Argina S3 40	40	130	13,7	30	230	-21	905	Multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating on residual fuel with sulphur content <3.0%
5	Shell Argina S4 40	40	127	13,7	40	230	-21	910	Multifunctional crankcase lubricant for highly rated medium-speed diesel engines operating under high stress conditions and on residual fuel with sulphur content >2.0%.
6	Shell Gadinia S3 30	30	104	11,9	12	210	-21	890	High quality multifunctional diesel engine lubricant designed for the most severe service main propulsion and auxiliary marine trunk piston engines burning distilate, hybrid and biofuels with a sulphur content up to 1%
7	Shell Gadinia S3 40	40	128	13,7	12	230	-21	890	High quality multifunctional diesel engine lubricant designed for the most severe service main propulsion and auxiliary marine trunk piston engines burning distilate, hybrid and biofuels with a sulphur content up to 1%
8	Shell Gadinia AL 40	40	140	14,3	15	>200	-18	900	Advanced lubricant for medium speed, marine diesel engines operating on distilate fuels and where liner lacquering is a potential problem. Suitable for use in certain gears and some ancillary equipment.
9	Shell Mysella S3 N 40	40	135	13,5	5	230	-18	890	High performance engine oil for four stroke spark ignition gas engines requiring a low ash oil to meet the latest emission requirements
High Speed Engines									
	SAE Grade	Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
10	Shell Rimula R4X 15W-40	-	109	14,7	10,5	230	-36	881	Multigrade heavy duty diesel engine oil
11	Shell Rimula R2 10W	10W	43,5	7	10	219	-30	876	Monograde heavyduty diesel engine oil
12	Shell Marine 40	40	140	14,5	10,1	250	-9	895	High Speed diesel engine oils

Hydraulics Systems

			Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at	Remarks
			40°C	100°C				15°C	
13	Aeroshell Fluid 41	-	15,68	6,13	-	104	<-60	874	Mineral hydraulic oil manufactured to a very high level of cleanliness, and processess improved fluid properties
14	Shell Tellus S2 VX 15	-	15	3,7	-	200	-42	820	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
15	Shell Tellus S2 VX 22	-	22	4,8	-	210	-42	835	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
16	Shell Tellus S2 VX 32	-	32	6,1	-	215	-39	854	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
17	Shell Tellus S2 VX 46	-	46	7,9	-	220	-36	856	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
18	Shell Tellus S2 VX 68	-	68	10,5	-	230	-30	860	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
19	Shell Tellus S2 VX 100	-	100	14	-	230	-24	870	High performance hydraulic fluids providing outstanding protection and performance across a wide range of temperatures.
20	Shell Tellus S2 MX 32	-	32	5,4	-	220	-30	854	High performance hydraulic fluid, group II base oil technology, industrial applications
21	Shell Tellus S2 MX 46	-	46	6,9	-	230	-30	856	High performance hydraulic fluid, group II base oil technology, industrial applications
22	Shell Tellus S2 MX 68	-	68	8,9	-	230	-24	860	High performance hydraulic fluid, group II base oil technology, industrial applications
23	Shell Tellus S2 MX 100	-	100	11,7	-	240	-24	870	High performance hydraulic fluid, group II base oil technology, industrial applications

Gear Systems

			Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at	Remarks
			40°C	100°C				15°C	
24	Shell Omala S2 G 68	-	68	8,7	-	236	-24	887	Extreme pressure lubricant for highly loaded enclosed gears and bearing
25	Shell Omala S2 G 100	-	100	11,4	-	240	-24	891	Extreme pressure lubricant for highly loaded enclosed gears and bearing
26	Shell Omala S2 G 150	-	150	15	-	240	-24	897	Extreme pressure lubricant for highly loaded enclosed gears and bearing
27	Shell Omala S2 G 220	-	220	19,4	-	240	-18	899	Extreme pressure lubricant for highly loaded enclosed gears and bearing
28	Shell Omala S2 G 320	-	320	25	-	250	-15	903	Extreme pressure lubricant for highly loaded enclosed gears and bearing
29	Shell Omala S2 G 460	-	460	30,8	-	260	-12	904	Extreme pressure lubricant for highly loaded enclosed gears and bearing
30	Shell Omala S2 G 680	-	680	38	-	270	-9	912	Extreme pressure heavy duty gear lubricant for highly loaded enclosed gear and bearing
31	Shell Omala S4 GX 150	-	158	21,7	-	238	-45	877	Advanced synthetic extreme pressure lubricant for heavy duty enclosed gear and bearings
32	Shell Omala S4 GX 220	-	230	30	-	250	-45	881	Advanced synthetic extreme pressure lubricant for heavy duty enclosed gear and bearings
33	Shell Omala S3 GX 320	-	335	40	-	252	-42	883	Advanced synthetic extreme pressure lubricant for heavy duty enclosed gear and bearings

Air Compressors									
		Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
34	Shell Corena S2 P 100	-	100	9,2	-	240	-33	899	High performance lubricant for reciprocating air compressor
35	Shell Corena S2 P 150	-	155	12,1	-	240	-30	902	High performance lubricant for reciprocating air compressor
36	Shell Corena S4 P 100	-	100	10,2	-	260	-39	988	Advanced synthetic lubricant for reciprocating air compressor
37	Shell Corena S4 R 46	-	46	8	-	230	-45	843	Advanced synthetic lubricant for rotary-screw and vane air compressor
38	Shell Corena S4 R 68	-	68	10,2	-	248	-45	848	Advanced synthetic lubricant for rotary-screw and vane air compressor
Refrigeration Compressors									
		Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
39	Shell Refrigeration Oil S4 FR F 68	-	66	8,8	-	>230	-42	991	Synthetic refrigerator lubricant for use with R134a and other HFC refrigerants
40	Shell Refrigeration Oil S4 FR V 68	-	68	6,2	-	190	-39	871	Synthetic refrigerator lubricant for use with HCFC and ammonia refrigerants
Bearing and Circulation Systems									
		Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
41	Shell Morlina S2 B 150	-	150	15	-	262	-15	887	Advanced bearing and circulating oil
42	Shell Morlina S2 B 220	-	220	18,3	-	280	-15	891	Advanced bearing and circulating oil
43	Shell Morlina S2 BL 10	-	10	2,3	-	150	-30	881	Low viscosity, solvent refined oil blended with zinc free additive, to provide extended performance in the high speed spindles of machine tools
Turbines									
		Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
44	Shell Turbo T 32	-	32	5,45	-	>215	<-33	840	High performance steam turbine oil
45	Shell Turbo T 46	-	46	6,9	-	>220	<-27	858	High performance steam turbine oil
46	Shell Turbo T 68	-	68	8,95	-	>240	<-24	871	High performance steam turbine oil
47	Shell Turbo T 100	-	100	11,7	-	>250	<-24	873	High performance steam turbine oil
Transmissions									
		Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at		Remarks
		40°C	100°C				15°C		
48	Shell Spirax S2 A 90	-	145	14,3	-	180	-18	909	Blended for use in a wide variety of automotive axle units subjected to heavy duty conditions
49	Shell Spirax S2 A 140	-	340	25,1	-	199	-9	918	Blended for use in a wide variety of automotive axle units subjected to heavy duty conditions
50	Shell Spirax S2 A 80W-90	-	146	14,7	-	175	-27	904	Blended for use in a wide variety of automotive axle units subjected to heavy duty conditions
51	Shell Spirax S2 85W-140	-	358	25,6	-	215	-15	908	Blended for use in a wide variety of automotive axle units subjected to heavy duty conditions
52	Shell Spirax S4 ATF HDX	-	33	7,2	-	220	-42	882	Advanced synthetic technology, heavy duty automatic transmission fluid

Others Oils and Fluids

			Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at	Remarks
			40°C	100°C				15°C	
53	Shell Heat Transfer Oil S2	-	29	5,1	-	220	-12	857	High Performance heat transfer fluid
54	Shell Diala S4 ZX-I	-	9,6	-	-	191	-42	805	Premium inhibited electrical insulating oil
55	Shell Gas Compressor Oil S4 PV 190	-	190	36	-	262	-30	1056	Advanced synthetic gas compressor oil

Greases

			Viscosity at mm ² /s at		Base Number mg/KOH/g	NLGI	Dropping Point, °C	Remarks
			40°C	100°C				
56	Shell Gadus S2 V 220 2	-	220	19	-	2	180	High performance multipurpose extreme pressure grease
57	Shell Gadus S2 A 320 2	-	320	16,5	-	2	85	Highly water resistant, extreme pressure grease for wire rope, open gears and other open deck grease requirements
58	Shell Gadus S1 OG 200	-	-	200	-	-	-	Risidual-type (Bituminous) lubricants, recommended principally for open gears, sugar mills and wire rope applications. All grades are blends of bitumen and heavy mineral based oils.

Environmentally Acceptable Lubricants

			Viscosity at mm ² /s at		Base Number mg/KOH/g	Flash Point PMCC, °C	Pour Point, °C	Density Kg/m ³ at	Remarks
			40°C	100°C				15°C	
59	Shell Naturelle S5 Grease V 120 P 2	-	120	19	-	-	-	-	Advanced, biodegradable, extreme pressure grease for use in plain and roller bearing and for general vessel lubrication. Approved by major rudder carrier and deck machinery OEMs. EU Ecolabel registered for VGP 2013 Compliance
60	Shell Naturelle S4 Stern Tube Fluid 100	-	100	13,7	-	>230	-30	941	Non-emulsifying fluid made from fully saturated esters. Approved by the major stern tube and seal manufactures. EU Ecolabel certified guaranteeing VGP Compliance. Designed to offer superior lubrication and resistance to hydrolysis