

Shell
Lube**Advisor**

Lubricant program management services, such as: site assessments, lubrication surveys and audits, technical helpdesk services, storage and handling advice.

Shell
Lube**Analyst**

Global Oil Condition Monitoring program available in 95 countries and 28 languages.

Shell
Lube**Clean**

Holistic approach to contamination control for every step of the lubricant storage & handling process.

Shell
Lube**Coach**

Onsite customer training program includes topics such as: Basics of Lubrication, Storage & Handling Procedures and Basics of Oil Condition Monitoring.

Shell
Lube**Expert**

Specialist on-site critical application support and inspections for specialty lubrication systems including mobile (i.e. shovels and haul trucks) and fixed plant equipment (i.e. sag and ball mill OGL systems).

Shell
Lube**Match**

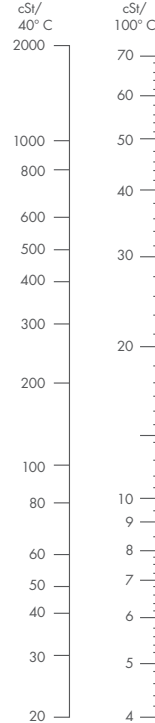
Online tool to find the right lubricants for vehicles and equipment - available in 138 countries and 21 languages at <http://www.shell.com/lubematch>.

Shell
Lube**VideoCheck**

A diagnostic video scope service primarily for stationary (i.e. gear box) and mobile equipment (i.e. diesel or gas engine) to identify potential damage or problems without the need to dismantle the components.

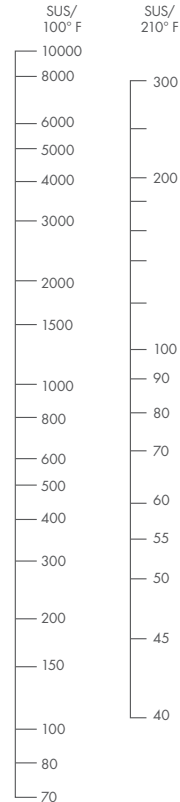
VISCOSITY CONVERSION CHART

KINEMATIC VISCOSITIES



ISO VG	AGMA GRADES	SAE GRADES MOTOR OILS	SAE GRADES GEAR OILS
1500			250
1000	8A		190
680	8		140
460	7		110
320	6		90
220	5	50	85
150	4	40	80W
100	3	30	75W 70W
68	2	20	
46	1	10W	
32		0W, 5W	
22			
15			

SAYBOLT VISCOSITIES



SHELL LUBRICANTS INDUSTRIAL GUIDE



PLANT EQUIPMENT

TYPE	APPLICATION	SHELL PRODUCT
GREASE – INDUSTRIAL	Multi-Purpose	Shell Gadus® S3 V220C 2 Shell Gadus® S5 V220 2 Shell SRS 2000 Extreme
	Electric Motors	Shell Gadus® S5 V100 2
	Couplings	Shell Gadus® S2 High Speed Coupling Grease
	High Temperature	Shell Gadus® S5 T460 1.5
	High Water	Shell SRS 2000 Extreme Shell Gadus® S4 V600AC 1.5 Shell Gadus® S5 V460 2
OIL – INDUSTRIAL	Airline Oilers	Shell Turbo® T 32
	Blowers	Shell Marlina® S4 B 220
	Chains	Shell Omala® S2 GX 220
	Compressor – Screw	Shell Corena® S4 R 46
	Compressor – Reciprocating	Shell Corena® S4 P 100
	Gear Reducers	Shell Omala® S2 GX 220 Shell Omala® S4 GXV 220
	Hydraulics	Shell Tellus® S2 MX 46
	Pumps	Shell Turbo® T 68
	Turbines – Steam	Shell Turbo® T 32 Shell Turbo® S4 X 32
	Turbines – Gas and Combined Cycle	Shell Turbo® S4 X 32
	Turbines – Geared	Shell Turbo® S4 GX 32 Shell Turbo® S4 GX 46
	Worm Gears Reducers	Shell Marlina® S4 B 460

MOBILE EQUIPMENT

TYPE	APPLICATION	SHELL PRODUCT
GASOLINE / LIGHT DUTY	Gasoline Engine	Pennzoil® 5W-20 Pennzoil® 5W-30
	Gasoline Engine (dexos)	Pennzoil Platinum® 5W-20 Pennzoil Platinum® 5W-30
	Antifreeze Coolant – Nitrited	Shell HD Ultra ELC-N Prediluted 55/45
	Antifreeze Coolant – Nitrite Free	Shell ROTELLA® ELC Nitrite Free Pre-Diluted 60/40
	ATF – Dexron/Mercon III	Pennzoil Dex Merc ATF
	ATF – Dexron VI / Mercon LV	Pennzoil Platinum® LV Multi-Vehicle ATF
	ATF – +4	Pennzoil Platinum® ATF +4
	ATF – Mercon V	Pennzoil Platinum High Mileage ATF
	Axle/Gears	Shell Spirax® S4 AX 80W-90 Shell Spirax® S6 AXRME 75W-90 Pennzoil Platinum® Axle 75VW-140
	Grease	Shell Gadus® S3 V220C 2 Shell SRS 2000 Extreme Shell Gadus® S5 V220 2

TYPE	APPLICATION	SHELL PRODUCT
DIESEL / HEAVY DUTY	Diesel Engine	Shell ROTELLA® T4 Triple Protection® 15W-40 Shell ROTELLA® T6 5W-40
	Antifreeze Coolant – Nitrited	Shell HD Ultra ELC-N Prediluted 55/45
	Antifreeze Coolant – Nitrite Free	Shell ROTELLA® ELC Nitrite Free Pre-Diluted 60/40

TYPE	APPLICATION	SHELL PRODUCT
DIESEL / HEAVY DUTY	Caterpillar TO-4 Fluids	Shell Spirax® S4 CX 10W Shell Spirax® S4 CX 30 Shell Spirax® S4 CX 50 Shell Spirax® S6 CXME 5W-30 Shell Spirax® S6 CXME 10W-40
	CAT FD-1 Fluid	Shell Spirax® S5 CFD M 50 Shell Spirax® S6 CFD ME 60
	Universal Tractor Hydraulic/ Transmission (John Deere J20C)	Shell Spirax® S4 TXM
	Transmission; Allison TES-295	Shell Spirax® S6 ATF A295
	Transmission; Eaton PS-386	Shell Spirax® S6 GME 40
	Hydraulic oils	Shell Tellus® S2 VX 32 Shell Tellus® S2 VX 46
	Hydraulic oils – zinc free	Shell Tellus® S4 ME 46
	Hydraulic Oils; zinc free / extreme cold temperature	Shell Tellus® S4 VX 32
	5% Moly Grease – Summer	Shell SRS 2000 Moly Shell Gadus® S3 V460XD 2
	5% Moly Grease – Winter	Shell Gadus® S2 V30KXD 1
	5% Moly Grease – All-Season	Shell Gadus® S5 V150XKD 1
	High Water Resistant Grease	Shell SRS 2000 Extreme Shell Gadus® S4 V600AC 1.5
	Open Gear Grease	Shell Gadus® S4 OGT Shell Gadus® S4 OGMS Shell Gadus® S4 OGXK
Fifth Wheel Grease	Shell Gadus® S3 A1000XD 2	

SITE ASSESSMENT GUIDE

The Shell LubeAdvisor Site Assessment Service is designed to help you review your site's lubrication program and uncover needs.

LubeAdvantage Project Categories

	Storage and Handling	Contamination Control	
	Lubricant Application	Oil Condition Monitoring	
	Training	Equipment Optimization	
	Standard Procedures	KPI Planning	

*This is intended to be a guide of which product fits best for the application. There may be additional specialty products or different viscosities required. Please review final recommendations with your Shell TA or DFLTS.