

RECOMMENDED LUBRICANTS

CONTENTS

LIST OF RECOMMENDED LUBRICANTS ...	Page No.
2—3	



## RECOMENDED LUBRICANTS

### ENGINE

Where prevailing climatic temperature is:—

SUMP (OIL PAN)	Above 70°F. (21°C.)	...	...	Shell X-100 30 or Shell X-100 Multigrade 20W/40.
	80°F. to 20°F. (27° to —7°C.)	...	...	Shell X-100 20/20W or Shell X-100 Multigrade 10W/30.
	32°F. to 0°F. (0° to —18°C.)	...	...	Shell X-100 10W or Shell X-100 Multigrade 5W/20.
	Below 5°F. (—15°C.)	...	...	Shell X-100 Multigrade 5W/20.

Upper Cylinder Lubricant ... .. Shell Donax U or Shell Upper  
Cylinder Lubricant

**AIR CLEANER AND SILENCER** ... .. Engine Oil

### DISTRIBUTOR

Shaft and Cam bearing. Contact breaker pivot. Automatic timing (Spark)  
control ... .. Engine Oil

Cam Profile and shaft greaser ... .. Shell Retinax A

**GENERATOR** ... .. Engine Oil

**BATTERY TERMINALS** ... .. Petroleum Jelly

**STEERING UNIT** ... .. Shell Spirax 90 E.P.

### FRONT SUSPENSION (where necessary)

King Pins, Idler Pivot, Steering Joints and front suspension links ... .. Shell Retinax A

**ACCELERATOR CONTROL LINKAGE** ... .. Engine Oil

### GEARBOX

Above, minus 10°F. (minus 23°C.)

... Shell X-100 Motor Oil 30

(and overdrive, if fitted)

Below, minus 10°F. (minus 23°C.)

... Shell X-100 Motor Oil 20/20W

From Chassis Nos B33100001 (Rapier)

B94100001 (Alpine)

All temperatures

... Shell X-100 Multigrade 10W/30

### PROPELLER SHAFT

Needle Roller Bearings ... .. Shell Spirax 140 E.P. or Shell  
Retinax A.



### REAR AXLE

*HYPOID	Above, minus 10°F. (minus 23°C.)	...	...	...	...	Shell Spirax 90 E.P.
	Below, minus 10°F. (minus 23°C.)	...	...	...	...	Shell Spirax 80 E.P.
SPIRAL	Above, 32°F. (0°C.)	...	...	...	...	Shell Spirax 140 E.P.
BEVEL	32°F. (0°C.) to minus 10°F. (minus 23°C.)	...	...	...	...	Shell Spirax 90 E.P.
	Below, minus 10°F. (minus 23°C.)	...	...	...	...	Shell Spirax 80 E.P.

**FRONT WHEEL HUB BEARINGS** ... .. Shell Retinax A

**REAR WHEEL HUB BEARINGS** ... .. No attention required

### HANDBRAKE

Cable	...	...	...	...	...	...	Shell Retinax A
Linkage	...	...	...	...	...	...	Engine Oil

**BRAKE AND CLUTCH PEDAL PIVOTS** ... .. Engine Oil

### BRAKE AND CLUTCH MASTER CYLINDERS

ALPINE (All temperatures)	...	...	...	...	...	...	Girling Fluid S.A.E. Spec. 70 R.3
RAPIER (All temperatures)	...	...	...	...	...	...	Lockheed Super Heavy Duty Brake Fluid to S.A.E. Spec. 70 R.3

<b>SHOCK ABSORBERS</b>	Alpine (Front)	...	...	...	...	No attention required
	Alpine (Rear)	...	...	...	...	Armstrong Shock Absorber Fluid No. 624
	Rapier (Front and Rear)	...	...	...	...	No attention required

### BODY

Hinges, Locks, Catches ... .. Engine Oil

### Notes

Any addition to the above lubricants, which may alter their characteristics sufficiently to affect mechanical efficiency, should not be used. Additives should not be used in the gearbox of cars fitted with overdrive. For continuous high speed driving Shell X-100 Multigrade 20W/40 should be used. This is particularly important during the hot weather.

*\*Hypoid axles may be identified by white marking around the filler plug. For further details reference should be made to Section G*