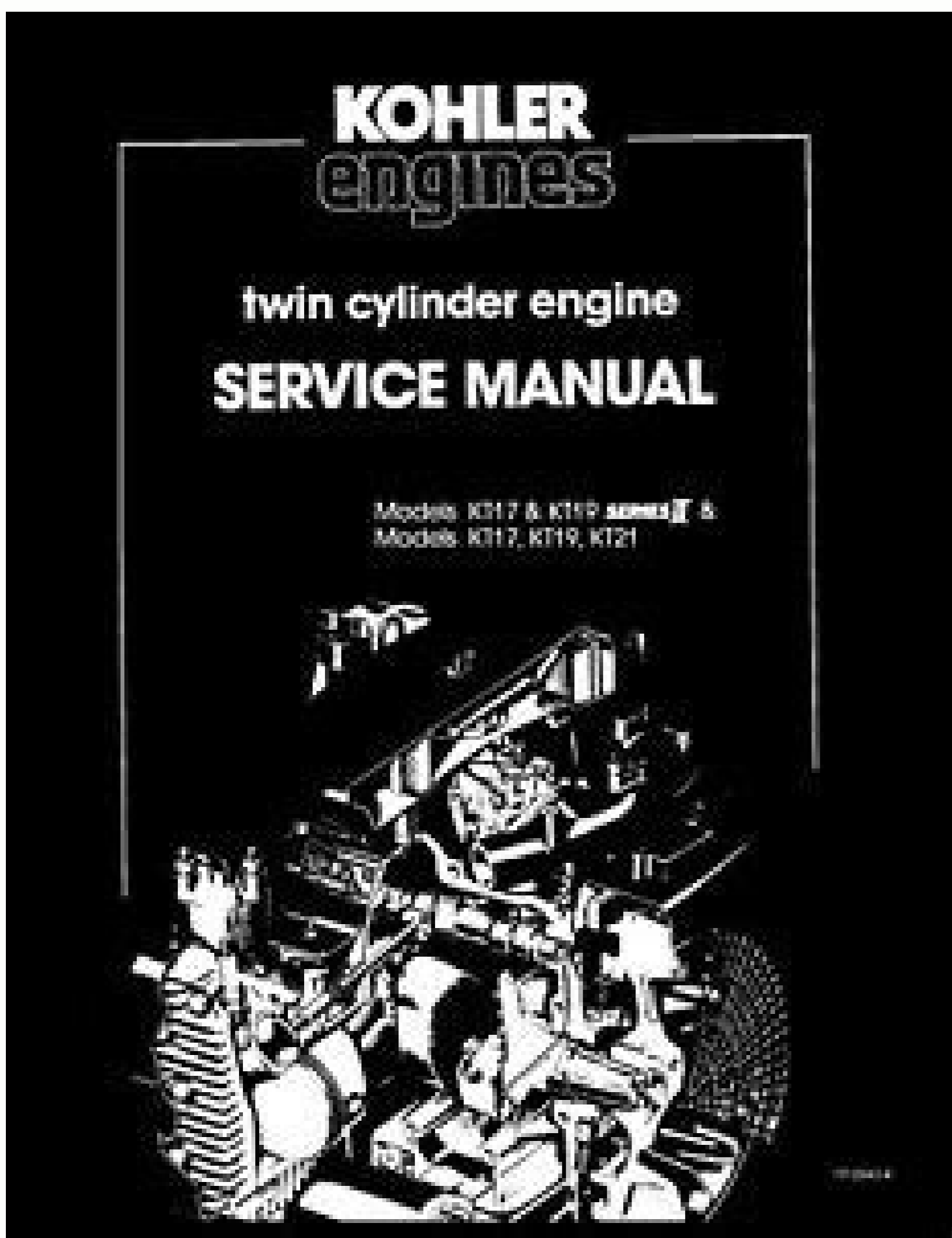




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SERVICE REPAIR

KOHLER ENGINE
interwam
Repair Workshop Factory Service Manual

Figure 1. Typical 1654 Engine

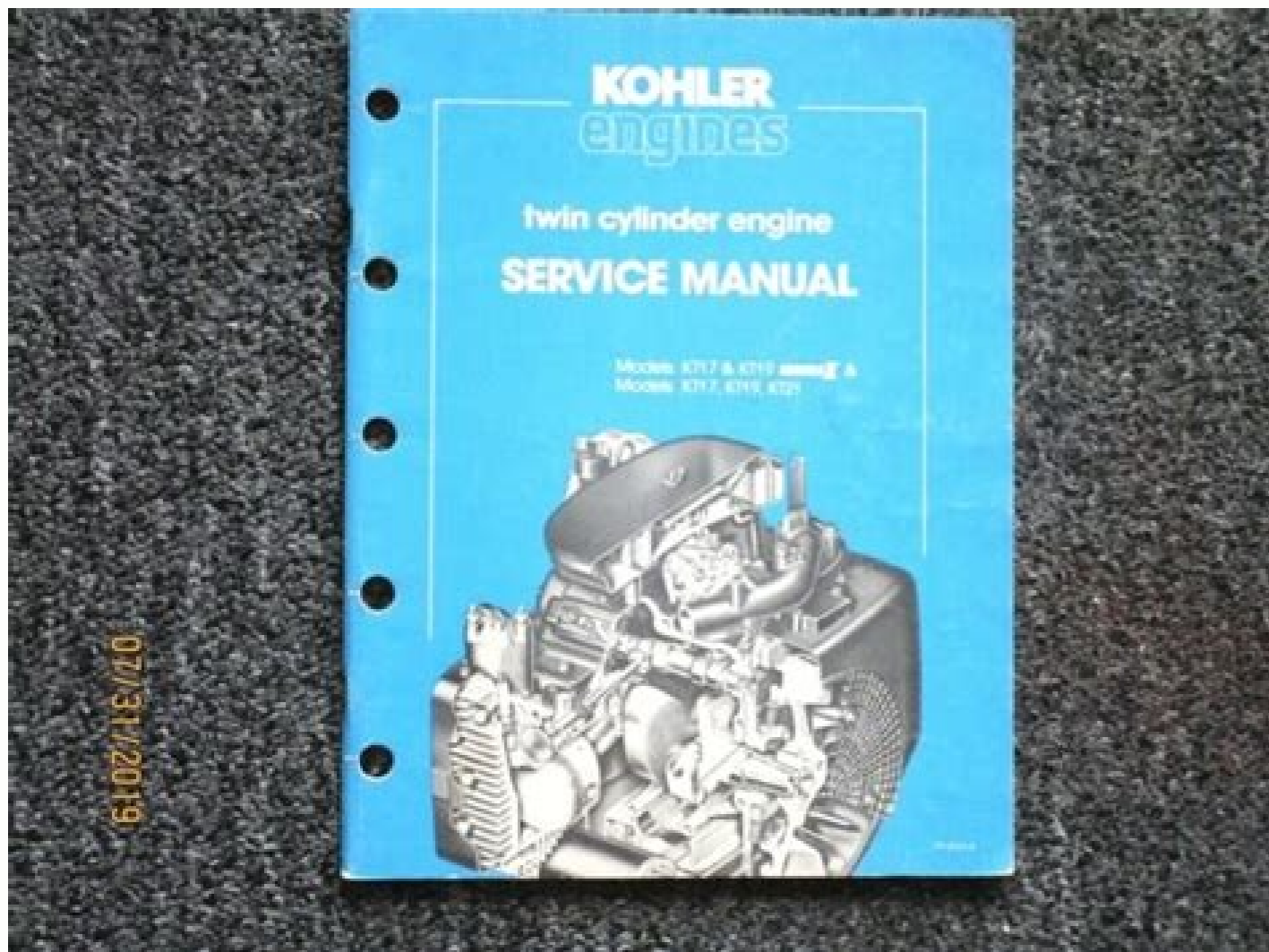
Oil Recommendation
Using the proper type of crankcase oil is extremely important. Using the wrong oil can cause excessive wear and failure.

Oil Type
Use high quality oil. Petroleum based oil is recommended. Synthetic oil may be used based on the air temperature at the time shown in the following table.

Temperature Range	Oil Grade
Below 32°F (0°C)	SAE 10W-30
32°F (0°C) to 40°F (4°C)	SAE 10W-40
40°F (4°C) to 50°F (10°C)	SAE 15W-40
50°F (10°C) to 60°F (16°C)	SAE 20W-40
60°F (16°C) to 70°F (21°C)	SAE 30
70°F (21°C) to 80°F (27°C)	SAE 40
80°F (27°C) to 90°F (32°C)	SAE 50
90°F (32°C) to 100°F (38°C)	SAE 60
100°F (38°C) to 110°F (43°C)	SAE 70
110°F (43°C) to 120°F (49°C)	SAE 80
120°F (49°C) to 130°F (54°C)	SAE 90
130°F (54°C) to 140°F (60°C)	SAE 100
140°F (60°C) to 150°F (66°C)	SAE 150
150°F (66°C) to 160°F (72°C)	SAE 200
160°F (72°C) to 170°F (77°C)	SAE 300
170°F (77°C) to 180°F (83°C)	SAE 400
180°F (83°C) to 190°F (89°C)	SAE 500
190°F (89°C) to 200°F (93°C)	SAE 600
200°F (93°C) to 210°F (99°C)	SAE 700
210°F (99°C) to 220°F (104°C)	SAE 800
220°F (104°C) to 230°F (110°C)	SAE 900
230°F (110°C) to 240°F (116°C)	SAE 1000
240°F (116°C) to 250°F (122°C)	SAE 1200
250°F (122°C) to 260°F (127°C)	SAE 1500
260°F (127°C) to 270°F (133°C)	SAE 2000
270°F (133°C) to 280°F (139°C)	SAE 3000
280°F (139°C) to 290°F (145°C)	SAE 4000
290°F (145°C) to 300°F (151°C)	SAE 5000
300°F (151°C) to 310°F (156°C)	SAE 6000
310°F (156°C) to 320°F (161°C)	SAE 7000
320°F (161°C) to 330°F (167°C)	SAE 8000
330°F (167°C) to 340°F (173°C)	SAE 9000
340°F (173°C) to 350°F (178°C)	SAE 10000

Fuel Recommendations
Use unleaded gasoline with a minimum octane rating of 87. Do not use ethanol-blended fuels containing more than 10% ethanol. Do not use kerosene, diesel, or other fuels.

WARNING: Explosive



SERVICE MANUAL

KOHLER COMMAND CH18-745 HORIZONTAL CRANKSHAFT



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KOHLER COURAGE SV470-SV620



SV470-SV620 VERTICAL CRANKSHAFT OWNER'S MANUAL

EN

SV470-SV620 ÁRBOL DE CIGÜENAL VERTICAL MANUAL DEL OPERADOR

ES

SV470-SV620 VILEBREQUIN VERTICAL MANUEL DE L'UTILISATEUR

FR

uoy ecalp rehtona si redivorp launam ecivres a ,ybraen relaed on sÁÁÁÁereht fi ro ,relaed a naht rehto erehwemos launam ecivres rallipretaC ruoy dnif ot referp uoy fliredivorP launaM ecivreS a gniredrO.etisbew TAC eht hguorht elbaliava osla era tnempiuqe TAC no sriaper emos ekam ot woh liated taht slaunam ecnanetniam dna noitarepO ,yrtsudni ygrene eht otni gnigrof dna secruoser larutan gnissecorp ,ediwdrow erutcurtsarfni gnidiub rof desu si tnempiuqe TAC .tnempiuqe TAC redlo dna wen elbmessaer dna trapa ekat ot woh sa llew sa seuginhctet gnitoohselbuort dna gnitset nialpxe slaunam ecivreS .ecivres remotsuc sÁÁÁÁeahamaY ot tuo hcaer ot tseb sÁÁÁÁActi ,yrogetac eht nihtiw ti etacol tonnac dna rebmun dna eman tcurdorp ruoy fo erusnu erÁÁÁÁeuy flecivres remotsuc ahamaY.launam resu ruoy weiv dna daolnwod ot edis dnah-thgite eht no ellif eht no kcilc neht dna tcurdorp ruoy dnif ,raepa stluser eht eedO .etisbew ynampoc eht no loot rotacol relaed eht esu nac uoy ro koob enohp eht ni ,enilno pibrelaed tsraen ruoy pu kool nac uoy ,silt od ot ,evisnetxe si egnar tcurdorp sÁÁÁÁeahamaYelbaliava stcurdorp ahamaY,yadot desu lilti era taht s0591 eht ni smargorp gnihcaet ynam detnemelpni osla noitaroprocc eht .setareneq etisbew eht tsil eht morf relaed TAC tsraen ruoy esooHC .moc.bilsaunam.www sa heus ,steltuo rehto yrt nac uoy ,etisbew sÁÁÁÁeahamaY no launam ruoy gnitacol keul hcum gnivah tÁÁÁÁnera uoy flisecruoseR eorF rehtO.egap troppuS eht no knil sU tcatnoC eht gnikcilc yb rebmun eorF-lloet eht llac nac uoY .erom hcum dna smurd ,sratiug ,stnemurtsni dnidwoow dna ssarb ,sonaip gnidulcni stnemurtsni lacisum ytilauq sti no sesucof lilti dnarb eht TEN.DEREWSNASNOITSEUQ MORF EROM .etisbew sÁÁÁÁeahamaY no eb regnoi on yam taht stcurdorp redlo rof taerg osla era secruoser esehT .etisbew ynampoc eht ot gnidrocca ,tnempiuqe TAC yub sremotsuc pleh ot secivres laicanif emos sedivorp osla TAC .ylefas senihcam rallipretaC no krow ot woh wohs slaunam ecivreS Order a manual. 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