

URANIUM CORPORATION OF INDIA LIMITED
JADUGUDA MINES

Tender No.: PUR/2/RC/Warman Pump Spares/1240

Item: Warman Pump spares

ANNEXURE-1

FOR JADUGUDA & TURAMDIH.

| Sl.No. | Material Description |
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| Item: Warman Pump Spares | |
| | PUMP MODELS / SPARES |
| A | WARMAN PUMP, MODEL:- 1.5/1 BAH |
| 1 | Clamp Bolt & Nut, Part No:-B012ME62 (MS) |
| 2 | Adjusting Screw, Nut & Washer, Part No:-B001ME62 (MS) |
| 3 | End Cover Gasket/Shim Set, Part No:-B025P50 |
| 4 | End Cover Set Screw, Part No:-B027ME62 (MS) |
| 5 | Labyrinth, Part No:-B062-10D81 (SGI) |
| 6 | Piston Ring, Part No:-B108G02 (CI) |
| 7 | Shaft, Part No:-B073ME03 (EN-8BS970) |
| 8 | End Cover, Part No:-B024-10D21 (CI) |
| 9 | Bearing Housing, Part No:-B004MG01 (CI) |
| 10 | Clamp Washer , Part No:-B011E62 (MS) |
| 11 | FPL Insert, Part No:-B1041A05 (ULTRACROME 27% Cr) |
| 12 | Volute Liner, Part No:-B1110A05(ULTRACROME 27% Cr) |
| 13 | Impeller, Part No:-B1127A05 (ULTRACROME 27% Cr) |
| 14 | Frame Plate, Part No:-B1032G01 (CI) |
| 15 | Cover Plate, Part No:-B1013G01 (CI) |
| 16 | Discharge Joint Ring, Part No:-B1132XLPS01 (RUBBER) |
| 17 | Intake Joint Ring, Part No:-B1060S01 (RUBBER) |
| 18 | Volute Liner Seal(Frame Seal), Part No:-B1125S01 (RUBBER) |
| 19 | Cover Plate Bolt & Nut, Part No:-B015ME62 (MS) |
| 20 | Frame Plate Stud & Nut, Part No:-B039E62 (MS) |
| 21 | 'O' Ring Shaft Sleeve, Part No:-B109S10 (RUBBER) |
| 22 | Gland, Part No:-B044C23, SS-316 |
| 23 | Shaft sleeve, Part No :-B075C23, SS -316 |
| 24 | Gland Bolt,Nut & Washer, Part No:-A045MC23 ,SS-316 |
| 25 | Gland Clamp Bolt & Nut, Part No:-B126MC23, SS-316 |
| 26 | Lantern Restrictor, Part No:-B118C23 ,SS-316 |
| 27 | Stuffing Box, Part No:-B078G01 (CI) |
| 28 | Seal Ring, Part No:-B122R11 (RUBBER) |
| 29 | Bearing Assembly, Part No:-B005M |
| 30 | 'O' Ring Impeller sealing, Part No:-B217S10 (RUBBER) |
| 31 | Shaft Spacer, Part No:-B117C21 (SS) |
| 32 | Grease Retainer, Part No:-B046G01 (CI) |
| 33 | Labyrinth Locknut, Part No:-B061-E62 (MS) |
| 34 | Clamp Washer, Part No. B011E63 |

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| 35 | Base, Part No. B003MG01 |
| 36 | Impeller, Part No :-B1052R55, Natural rubber |
| 37 | Cover Plate Liner , Part no. B1017R55, Natural rubber |
| 38 | Frame Plate Liner, Part No. B1017R55, Natural rubber |
| 39 | Expeller, Part No :-B028C23, SS- 316 |
| 40 | Expeller Ring, Part No :-B029C23, SS- 316 |
| 41 | Lantern Ring, Part No :-B063C23, SS - 316 |
| 42 | Neck Ring, Part No :-B067C23, -SS-316 |
| 43 | Frame Plate Liner Stud, Part No. B026ME62, MS |
| B | WARMAN PUMP, MODEL:- 2/1.5 BAH TAG NO. :- 9P-13A/B , 22P-5A/B/C , 9P-9A/B |
| 1 | Volute Liner seal, Part No :-B15125S01 (RUBBER) |
| 2 | Cover Plate Bolt & Nut, Part No :-B015ME63 (CS) |
| 3 | Frame plate Stud, Part No :-B039E62 (MS) |
| 4 | Seal Ring, Part No :-B122S44 (RUBBER) |
| 5 | Lantern Ring, Part No :-B063C23, SS-316 |
| 6 | Grease Retainer, Part No :-B046D21 (SGI) |
| 7 | Stuffing Box, Part No :-B078G01 (CI) |
| 8 | Grease Cup, Part No :-WP2L82-L (MS) |
| 9 | Grease Cup Adapter, Part No :-B138E62 (MS) |
| 10 | Expeller, Part No :-B028C23, SS- 316 |
| 11 | Expeller Ring, Part No :-B029C23, SS-316 |
| 12 | Neck Ring, Part No :-B067C23, SS-316 |
| 13 | 'O' Ring, Part No :-B217S10 (RUBBER) |
| 14 | Impeller, Part No :-B15127A05 (Ultrachrome 27%Cr) |
| 15 | Shaft, Part No :-B073ME03 (CS) |
| 16 | Shaft Spacer, Part No :-B117C21 (SS) |
| 17 | Volute Liner, Part No :-B15110A05 (Ultrachrome 27%Cr) |
| 18 | Shaft Sleeve, Part No :-B075C23, SS -316 |
| 19 | 'O' Ring, Part No :-B109S10 (RUBBER) |
| 20 | Bearing Assembly, Part No :-B005M |
| 21 | Bearing Housing, Part No :-B004MG01 (CI) |
| 22 | Gland, Part No :-B044C23 ,SS-316 |
| 23 | End Cover, Part No :-B024-10D21 (SGI) |
| 24 | Clamp Bolt, Part No :-B012ME62 (MS) |
| 25 | Adjusting Screw, Part No :-B001ME62 (MS) |
| 26 | End Cover Set Screw, Part No :-B027ME62 (MS) |
| 27 | Labyrinth, Part No :-B062-10D81 (SGI) |
| 28 | Labyrinth Locknut, Part No :-B061E62 (MS) |
| 29 | Piston Ring, Part No :-B108G02 (CI) |
| 30 | Clamp Washer, Part No :-B011E62 (MS) |
| 31 | FPLI, Part No :-B15041A05 (Ultrachrome 27%Cr) |
| 32 | Frame Plate, Part No :-B15032G01 (CI) |
| 33 | Cover Plate, Part No :-B15013G01 (CI) |
| 34 | Disc Joint Ring, Part No :-B15132LS01 (RUBBER) |

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| 35 | INT JT Ring, Part No :-D15060S01 (RUBBER) |
| 36 | Gland Clamp Bolt, Part No. B126MC23 |
| 37 | Base, Part No. B003MG01 |
| 38 | End Cover Gasket / Shim ;Pt No :- B025P50 |
| 39 | Grease Nipple |
| 40 | Impeller, Part No :-B15127R55, Natural Rubber |
| 41 | Cover Plate Liner, Pt.No. B15017R55, Natural Rubber |
| 42 | Frame Plate Stud, Part No :-B039ME63, MS |
| 43 | Frame Plate Liner, Part No.: B15036MR55, Natural rubber |
| 44 | Shaft, Part No. B073ME03, CS |
| 45 | Lantern restrictor, Part No. B118C23, SS-316 |
| 46 | Gland Bolt, Nut & Washer, Part No. B045MC23, SS316 |
| 47 | Frame Plate Liner Stud -1 Thin Self Lock Nut, Part No. B026ME62 |
| C | WARMAN PUMP, MODEL :- 3/2 CAH (METAL, TAG NO. :- 22P- 4A/B |
| 1 | Clamp Bolt & Nut, Part No :- C012ME62 (MS) |
| 2 | Adjusting Screw, Nut & Washer, Part No :-C001ME62, (MS) |
| 3 | End Cover Shim, Part No :-C025P50 |
| 4 | End Cover Set Screw, Part No :-B027ME62, (MS) |
| 5 | Labyrinth, Part No :-C062-10D81, (SGI) |
| 6 | Labyrinth Lock Nut, Part No :-C061E62, (SGI) |
| 7 | Piston Ring, Part No :-C108G02, (CI) |
| 8 | Shaft, Part No :-C073ME03, (CS) |
| 9 | Shaft Spacer, Part No :-C117C21, (SS) |
| 10 | End Cover, Part No :-C024-10G01, (CI) |
| 11 | Clamp Washer, Part No :-C011E62, (MS) |
| 12 | FPL Insert, Part No :-C2041A05, (ULTRACROME 27% Cr) |
| 13 | Volute Liner, Part No :-C2110A05, (ULTRACROME 27% Cr) |
| 14 | Impeller, Part No :-C2147A05, (ULTRACROME 27% Cr) |
| 15 | Frame Plate, Part No :-C2032HS1G01, (CI) |
| 16 | Cover Plate, Part No :-C2013G01, (CI) |
| 17 | Discharge Joint Ring, Part No :-C2132LS01, (RUBBER) |
| 18 | Intake Joint Ring, Part No :-C2060S01, (RUBBER) |
| 19 | Volute Liner Seal(Frame Seal), Part No :-C2125S01, (RUBBER) |
| 20 | Cover Plate Bolt & Nut, Part No :-C015ME62, (MS) |
| 21 | Frame Plate Stud & Nut, Part No :-C039E62, (MS) |
| 22 | Gland, Part No. C044C23. SS-316 |
| 23 | Shaft sleeve, Part No :-C075C23, SS -316 |
| 24 | Gland Bolt, Nut & Washer, Part No :-C045MC23, (SS) |
| 25 | Gland Clamp Bolt, Part No :-C126MC23, (SS) |
| 26 | Cover Plate Liner Stud, Part no. C023ME62, MS |
| 27 | Seal Ring, Part No :-C122R11, (RUBBER) |
| 28 | Bearing Assembly, Part No :-C005M |
| 29 | Bearing Seal, Part No :-C089-10S10, (RUBBER) |
| 30 | 'O' Ring, Part No :-C217S10, (RUBBER) |

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| 31 | Expeller, Part No :-C028C23, SS- 316 |
| 32 | Expeller Ring, Part No :-C029C23, SS-316 |
| 33 | Lantern Ring, Part No :-C063C23,SS-316 |
| 34 | Neck Ring, Part No :-C067C23, SS-316 |
| 35 | Lantern Restrictor, Part No :-C118C23,SS-316 |
| 36 | Grease Cup, Part No :-D138E62, (MS) |
| 37 | Stuffing Box, Part No :-C078G01, (CI) |
| 38 | Impeller, Part No :-C2147R55, Natural rubber |
| 39 | Cover Plate Liner, Part No. C2017MR55, Natural rubber |
| 40 | Frame Plate Stud , Part No :-C039ME63, MS |
| 41 | Shaft Sleeve 'O' Ring, Part No. C109S10, Natural rubber |
| 42 | Frame Plate Liner, Part No. C2036MR55, Natural rubber |
| 43 | Gland Bolt - 1 nut, 1 washer, Part No. C045MC23, SS316 |
| 44 | Base, Part No. C003MG01, CI |
| 45 | FPL insert stud /Nylock nut, Part No. C026ME62, MS |
| D | WARMAN PUMP, MODEL :- 3/2 B-SC METAL LINED, PUMP NO. A1-110-0-110385, TAG NO. :- 6P-11A/B , 4P-4A/B , 5P-7A/B, 7P-29A/B |
| 1 | Bearing Assembly (drg. A3-110177), Part No.:BSC005M |
| 2 | Shaft, Part No.:BSC073M E03, (En8 BS970) |
| 3 | Shaft Key, Part No.:B070M E03, (En8 BS970) |
| 4 | Labyrinth locknut, Part No.:B061E62, (MS) |
| 5 | Labyrinth, Part No.:B062-10D81, (D81) |
| 6 | Grease Cup, Part No.:A365E62, (MS) |
| 7 | Grease Retainer, Part No.:B046G01, (CI FG260) |
| 8 | Bearing Housing, Part No.:B004MG01, (CIFG260) |
| 9 | Plug , Part No.:WP2P1-EE62, (MS) |
| 10 | Grease Nipple, Part No.:UF4L73-ZE62, (MS) |
| 11 | Piston Ring, Part No.:B108G02, (CI) |
| 12 | End Cover Set Screw, Part No.:B027E62, (MS) |
| 13 | Shim Set, Part No.:B025P50 |
| 14 | End Cover, Part No.:B024-10D21, (Ductile Grey Iron) |
| 15 | Bearing Seal, Part No.:B089-10S10, (S10 Nitrile) |
| 16 | Clamp Washer, Part No.:B011E62, (MS) |
| 17 | Clamp Bolt, Part No.:B012ME62, (MS) |
| 18 | Adjusting screw 3 Nuts 2 Washer, Part No.:B001ME62, (MS) |
| 19 | Frame Plate Stud 2 nuts, Part No.:B039E62, (MS) |
| 20 | Shaft Sleeve, Part No.:BSC075C21, (420 CEN 56D 13% Cr) |
| 21 | Seal Ring, Part No.:32122S10, (S10 Nitrile) |
| 22 | Volute Frame Seal, Part No.:32125S01, (S01 EPDM Rubber) |
| 23 | Frame Plate, Part No.:BSC2032G01,(CI FG260) |
| 24 | Cover Plate, Part No.:BSC2013G01, (CIFG260) |
| 25 | Cover Plate bolt 2 Nuts, Part No.:BSC015ME62, (MS) |
| 26 | Volute Liner, Part No.:32110A06, (Ni Hard 4) |
| 27 | Intake Joint, Part No.:32060S01, (S01 EPDM Rubber) |
| 28 | Discharge Joint, Part No.:32132S01, (S01 EPDM Rubber) |

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| 29 | Frame Plate Liner Insert, Part No.:32041A06 (Ni Hard 4) |
| 30 | Impeller, Part No.:32056A06, (Ni Hard 4) |
| 31 | Shaft O Ring, Part No.:BSC109S10, (S10 Nitrile) |
| 32 | Grease Cup, Part No.:WP2L82-LE62, (MS) |
| 33 | Grease Cup Adapter, Part No.:B138E62, (MS) |
| 34 | Lantern Ring, Part No.:BSC063C23, (Type 316 SS) |
| 35 | Expeller, Part No.:BSC028G01, (CIFG260) |
| 36 | Gland Clamp Bolt, Part No.:BSC126MC23, (Type 316 Stainless Steel) |
| 37 | Gland (2 Piece), Part No.:BSC044C23, (Type 316 Stainless Steel) |
| 38 | Gland bolt 1 Nut 1 Washer, Part No.:C045MC23, (Type 316 Stainless Steel) |
| 39 | Neck Ring, Part No.:BSC067C23, (Type 316 SS) |
| 40 | Expeller Ring, Part No.:BSC029G01, (CIFG -260) |
| E | WARMAN PUMP, MODEL :- 4/3 CAH ,TAG NO. :- 9P-5A/B |
| 1 | End Cover Gasket, Part No :-C025P50 |
| 2 | End Cover Set Screw, Part No :-B027ME62, (MS) |
| 3 | Piston Ring, Part No :-C108G02, (CI) |
| 4 | Shaft, Part No. CAM073ME05, CS |
| 5 | Shaft Spacer, Part No :-CAM117C21, (SS) |
| 6 | Clamp Washer, Part No :-C011E62, (MS) |
| 7 | FPL Insert, Part No :-D3041A05, (ULTRACROME 27% Cr) |
| 8 | Impeller, Part No :-D3058A05, (ULTRACROME 27% Cr) |
| 9 | Frame Plate, Part No :-CAM3032G01, (CI) |
| 10 | Cover Plate, Part No :-D3013G01, (CI) |
| 11 | Discharge Joint Ring, Part No :-D3132XLP, (RUBBER) |
| 12 | Intake Joint Ring, Part No :-D3060S01, (RUBBER) |
| 13 | Volute Liner Seal, Part No :-D3125S01, (RUBBER) |
| 14 | Seal Ring, Part No :-D122R11, (RUBBER) |
| 15 | 'O' Ring Impeller Sealing, Part No :-D064S10, (RUBBER) |
| 16 | Grease Retainer, Part No :-C046G01, (CI) |
| 17 | Expeller, Part No. CAM028C23 , SS-316 |
| 18 | Expeller Ring, Part No. CAM029C23, SS-316 |
| 19 | Stuffing Box, Part No :-CAM078G01, (CI) |
| 20 | Bearing Assembly, Part No :-CAM005M |
| 21 | Clamp bolt/ one Nut, Part No :-C012ME62, (MS) |
| 22 | Shaft Sleeve O Ring, Part No :-C109S10, (RUBBER) |
| 23 | Shaft Sleeve, Part No. C075, SS-316 |
| 24 | FPL Insert Stud, Part No :-M10Z3-85ZVE62 (MS) |
| 25 | Volute Liner, Part No :-D3110A05, (ULTRACROME 27%CR) |
| 26 | Adjusting Screw 3 nuts 2 Washers, Part No :-C001ME62 (MS) |
| 27 | Frame Plate Stud, Part No :-C039ME62, (MS) |
| 28 | Cover Plate bolt - 2 nuts, Part No :-D015ME62, (MS) |
| 29 | Lantern Ring, Part No :-C063C23, SS-316 |
| 30 | Neck Ring, Part No :-C067C23,SS-316 |
| 31 | Grease Cup adaptor, Part No :-D138E62, (MS) |

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| 32 | Impeller, Part No.:- D3147R55, RUBBER |
| 33 | Cover Plate Liner Stud, Part No. D023E62, MS |
| 34 | Cover Plate Liner, Part No. D3017R55, RUBBER |
| 35 | Frame Plate Liner, Part No. D3036R55, RUBBER |
| 36 | Gland Bolt 1 Nut 1 Washer, Part No.:-C045MC23, SS316 |
| 37 | Base, Part No. C003MG01, CI |
| 38 | Frame Plate Liner Stud - 1 thin self lock nut , Pt.No :- D026ME62 |
| 39 | Gland , Pt.No:- C044C23, SS-316 |
| 40 | Lantern restrictor ; Pt.No:- C118C23, SS-316 |
| 41 | Frame Plate Stud, Part No.C039ME63 , MS |
| 42 | Gland Clamp bolt, C126MC23, SS-316 |
| 43 | Labyrinth Lock Nut, Part No. C061E62 |
| 44 | End Cover , Part No.C02410D21 |
| 45 | Grease Retainer, Part No. C046G01, CI |
| 46 | Labyrinth, Part No. C06210D81, CI |
| 47 | Shim Set, Part No.C025P50 |
| 48 | Piston Ring, Part No. C108G02, CI |
| 49 | End cover Set Screw , Part No. B027ME62 |
| 50 | Bearing Seal, Part No. C08910S10 |
| 51 | Impeller , D3147A05, (ULTRACROME 27%CR) |
| F | WARMAN PUMP, MODEL :- 4/3 DAH (METAL), TAG NO. :- 9P-1A/B |
| 1 | Clamp Bolt & Nut, Part No :-D012ME62, (MS) |
| 2 | Adjusting Screw, Part No :-D001ME62, (MS) |
| 3 | End Cover Shim Set, Part No :-D025P50 |
| 4 | End Cover Set Screw, Part No :-D027ME62, (MS) |
| 5 | Labyrinth, Part No :-D062-10D81, (SGI) |
| 6 | Labyrinth Lock Nut, Part No :-D061E62, (MS) |
| 7 | Piston Ring, Part No :-D108G02, (CI) |
| 8 | Shaft, Part No :-D073ME03, (CS) |
| 9 | Shaft Spacer, Part No :-D117C21, (SS) |
| 10 | End Cover, Part No :-D024-10D21, (SGI) |
| 11 | Clamp Washer, Part No :-D011E62, (MS) |
| 12 | Volute Liner, Part No :-D3110A05, (ULTRACROME 27% Cr) |
| 13 | Impeller, Part No :-D3058A05, (ULTRACROME 27% Cr) |
| 14 | Frame Plate, Part No :-D3032G01, (CI) |
| 15 | Cover Plate, Part No :-D3013G01, (CI) |
| 16 | Discharge Joint Ring, Part No :-D3132LS01, (RUBBER) |
| 17 | Intake Joint Ring, Part No :-D3060S01, (RUBBER) |
| 18 | Volute Liner Seal, Part No :-D3125S01, (RUBBER) |
| 19 | Cover Plate Bolt & Nut, Part No :-D015ME62, (MS) |
| 20 | Frame Plate Stud & Nut, Part No :-D039ME62, (MS) |
| 21 | 'O' Ring Shaft Sleeve, Part No :-D109S10, (RUBBER) |
| 22 | Gland, Part No :-D044C23, SS-316 |
| 23 | Shaft sleeve, Part No :-D075C21, (SS) |

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| 24 | Gland Bolt, Nut & Washer, Part No :-D045MC23,SS-316 |
| 25 | Gland Clamp Bolt & Nut, Part No :-D126MC23, SS-316 |
| 26 | Seal Ring, Part No :-D122R11, (SS) |
| 27 | Bearing Assembly, Part No :-D005M |
| 28 | 'O' Ring Impeller Sealing, Part No :-D064S10, (RUBBER) |
| 29 | Grease Retainer, Part No :-D046G01, (CI) |
| 30 | Expeller, Part No :-D028D21, (SGI) |
| 31 | Expeller Ring, Part No :-D029G01, (CI) |
| 32 | Lantern Ring, Part No :-D063C23, (SS) |
| 33 | Lantern Restrictor, Part No :-D118C23, SS-316 |
| 34 | Neck Ring, Part No :-D067C23, SS-316 |
| 35 | Bearing Seal, Part No :-D089-10S10, (RUBBER) |
| 36 | Grease Cup, Part No :-WP4L82, (MS) |
| 37 | Stuffing Box, Part No :-D078G01, (CI) |
| 38 | Grease Cup, Part No :-D138E62, (MS) |
| G | WARMAN PUMP, MODEL :- 6/4 DAH TAG NO. :- 3P-3A/B/C, 3P-7A/B/C/D |
| 1 | Clamp Washer, Part No :-D011E63M (MS) |
| 2 | Clamp Bolt, Part No :-D012ME62, (MS) |
| 3 | Shaft Sleeve O Ring, Part No :-D109S10, (RUBBER) |
| 4 | Shaft Sleeve, Part No :-D075C21, (SS) |
| 5 | Frame Plate Liner Stud, Part No :-DAM026ME62, (MS) |
| 6 | Volute Liner Seal, Part No :-E4124S01, (RUBBER) |
| 7 | Frame Plate Liner, Part No :-E4036R55, (RUBBER) |
| 8 | Frame Plate, Part No :-DAM4032G01, (CI) |
| 9 | Cover Plate Liner, Part No :-E4018R55, (RUBBER) |
| 10 | Throat Bush, Part No :-E4083R55, (RUBBER) |
| 11 | Cover plate, Part No :-E4013G01, (CI) |
| 12 | Cotter, Part No :-E4085E62, (MS) |
| 13 | Intake Joint Ring, Part No :-E4060S01, (RUBBER) |
| 14 | Adjusting Screw 3 Nuts 2 Washers, Part No :-D001XLME62, (MS) |
| 15 | Frame Plate Bolt Nut, Part No :-D034ME62, (MS) |
| 16 | Impeller, Part No :-E4147R55, (RUBBER) |
| 17 | Cover Plate Bolt 2 Nuts, Part No :-E4015ME62, (MS) |
| 18 | Expeller Ring Stud 1 Nut, Part No :-D079E62, (MS) |
| 19 | Leap Seal, Part No :-D090S01, (RUBBER) |
| 20 | Expeller Ring, Part No :-DAM029R55, (RUBBER) |
| 21 | Leap Seal Gland, Part No :-D241S01, (RUBBER) |
| 22 | Expeller, Part No :-DAM028R55, (RUBBER) |
| 23 | Impeller O ring , Part No :-F064S10, (RUBBER) |
| 24 | Bearing Assembly, Part No :-DAM005M |
| 25 | Base, Part No. D003MG01 |
| 26 | End Cover Shim Set, Part No :-D025P50 |
| 27 | End Cover Set Screw, Part No :-D027ME62, (MS) |
| 28 | Labyrinth, Part No :-D062-10D81, (SGI) |

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| 29 | Labyrinth Locknut, Part No :-D061E62, (MS) |
| 30 | Piston Ring, Part No :-D108G02, (CI) |
| 31 | Shaft Key, Part No :-D070ME03, (CS) |
| 32 | Shaft, Part No :-DAM073ME03, (CS) |
| 33 | End Cover, Part No :-D024-10D21, (SGI) |
| 34 | Bearing Housing, Part No :-D004MG01, (CI) |
| 35 | FPL Insert, Part No :-E4041MA05, (ULTRACROME 27% Cr) |
| 36 | Volute Liner, Part No :-E4110A05, (ULTRACROME 27% Cr) |
| 37 | Impeller, Part No :-E4058A05, (ULTRACROME 27% Cr) |
| 38 | Discharge Joint Ring, Part No :-E4132LS01, (RUBBER) |
| 39 | Frame Plate Bolt, Part No :-D034ME62, (MS) |
| 40 | Shaft Spacer, Part No :-DAM117C21, (SS) |
| 41 | Gland Bolt, Nut & Washer, Part No :-D045MC23, SS-316 |
| 42 | Gland Clamp Bolt & Nut, Part No :-D126MC23, SS-316 |
| 43 | Seal Ring, Part No :-E122R11, (RUBBER) |
| 44 | Bearing Seal, Part No :-D089-10S10, (RUBBER) |
| 45 | Grease Retainer, Part No :-D046G01, (CI) |
| 46 | Lantern Ring, Part No :-D063C23, SS-316 |
| 47 | Lantern Restrictor, Part No :-D118C23, SS-316 |
| 48 | Stuffing Box, Part No :-DAM078G01, (CI) |
| 49 | Throat Bush, Part No :-E4083A05, (ULTRACROME 27% Cr) |
| 50 | Grease Nipple, Part No :-UF4L73-ZE62, (MS) |
| 51 | Grease Cup, Part No :-A365, (MS) |
| H | WARMAN PUMP, MODEL :- 65VD GPS (METAL VERTICAL PUMP) TAG NO. :- 4P-11A/B/C/D, 5P-14A/B, 6P-8A/B, 7P-47A/B, 7P-60A/B, 7P-66A/B, 70P-80A/B/C, 70P-2A/B, 3P-8A/B |
| 1 | Shaft, Part No:-VD65073-10 E03, (CS) |
| 2 | Bearing Seal, Part No:-VD089DS10, (RUBBER) |
| 3 | End cover Bolt, Part No:-M10H1-40ZHE62, (MS) |
| 4 | Bearing Holder Bolt (Drive), Part No:-M16H1-55ZHE62, (MS) |
| 5 | Bearing Housing, Part No:-VD004ME02, (CI) |
| 6 | Bearing Nut, Part No:-VD061E63, (MS) |
| 7 | End Cover, Part No:-VD024D21, (CI) |
| 8 | Grease Nipple, Part No:-WP4L70-ZE62, (MS) |
| 9 | Bearing (Drive), Part No:-VD009D, |
| 10 | Bearing Holder (Drive), Part No:-VD158DD21, (CI) |
| 11 | Bearing, Part No:-VD009 |
| 12 | Bearing Holder, Part No:-VD158-10D21, (CI) |
| 13 | Bearing Seal, Part No:-P089S10, (RUBBER) |
| 14 | Bearing Holder Bolt, Part No:-M16H1-50ZHE62, (MS) |
| 15 | Bearing Seal, Part No:-VCH089S10, (RUBBER) |
| 16 | Shaft Sleeve Ejector, Part No:-VD077C21, (SS) |
| 17 | O Ring, Part No:-35T203N266S10, (RUBBER) |
| 18 | Mounting Plate, Part No:-VD019E02, (CI) |
| 19 | Bearing Housing Bolt, Part No:-M20H1-70Z1E62, (MS) |

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| 20 | Discharge Pipe Support Screw, Part No:-M20H2-40ZC, (MS) |
| 21 | U Bolt Nut, Part No:-M12H5ZWE02, (CI) |
| 22 | Column Bolt, Part No:-M20H1-60Z1, (MS) |
| 23 | O Ring, Part No:-QV062S10, (RUBBER) |
| 24 | Spacer, Part No:-VD290C22, (SS) |
| 25 | Strainer, Part No:-SPR65116LD21, (CI) |
| 26 | Discharge Clamp, Part No:-GPS65153P10, |
| 27 | Joint ring, Part No:-GPS65372S42, (NEOPRINE) |
| 28 | Discharge Clamp Bolt, Part No:-M10H160SC, (MS) |
| 29 | Impeller, Part No:-SP65206AA05, (ULTRACROME 27%Cr) |
| 30 | Flinger, Part No:-VD184S14, (RUBBER) |
| 31 | Column, Part No:-VD102E02, (CI) |
| 32 | Spigot Ring, Part No:-GPS65211S42, (NEOPRINE) |
| 33 | Bolt , Part No:-M16H1-100ZCE62, (MS) |
| 34 | Casing, Part No:-GPS65092A05, (ULTRACROME 27% Cr) |
| 35 | Back Liner, Part No:-GPS65041A05 (ULTRACROME 27% Cr) |
| 36 | Back Liner Seal, Part No:-GPS65125S42 |
| I | SPARES FOR WARMAN PUMP, MODEL:- 6/4 EAH, TAG No.: 4P-3A, 8P-2A/B/C,8P-10D, 9P-1E/F/G/H |
| 1 | Frame Plate Liner, Part No. E4036R55, Natural rubber |
| 2 | Cover Plate Liner , Part No. E4018R55, Natural rubber |
| 3 | Throat Bush , Part No. E4083R55, Natural rubber |
| 4 | SS-316 Gland, Part No. E044C23, MOC: SS-316 |
| 5 | Labyrinth Lock Nut, Part No. E061E62, Steel |
| 6 | Bolt for Gland Clamp. Part no. E126MC23, SS-316 |
| 7 | Piston Ring, Part No. E108G02 |
| 8 | Labyrinth, Part No. E06210D81, CI |
| 9 | Bearing Cover, Part No.E02410D21, CI |
| 10 | Impeller, Part No. E4147A05, 27% Chrome Alloy |
| 11 | Grease Retainer, Part No. E046G01, CI |
| 12 | Shaft Spacer, Part No.E117C21, SS |
| 13 | Lantern Restrictor, Part No.E108G02, MOC: SS-316 |
| 14 | Frame Plate, Part No.E4032D21, DI |
| 15 | Cover Plate, Part No.E4013D21, DI |
| 16 | Shaft, Part No.E073ME03, MOC: CS |
| 17 | Stuffing Box, Part No. E078G01, MOC: CI |
| 18 | Key of Shaft, Part No. E070ME05, CS |
| 19 | O Ring Shaft Sleeve, Part No.D109S10, Nitrile |
| 20 | O Ring for Impeller Sealing, Part No.F064S10 |
| 21 | Clamp Washer, Part No. E011E63 |
| 22 | Clamp Bolt - 1 Nut, Part No. E012ME62 |
| 23 | Shaft Sleeve, Part No. E075C21, SS |
| 24 | Frame Plate Liner Stud - 1 Thin Self Lock Nut, Part No. E4026ME62 |
| 25 | Intake Joint Ring, Part No. E4060501 |
| 26 | Adjusting Screw 3 Nuts, 2 washers, Part No. E001ME62 |

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| 27 | Base, Part No. E003MG01 |
| 28 | Frame Plate Stud 2 nuts, Part No.:E039ME63 |
| 29 | Cover plate bolt 2 nuts, Part No. E4015ME63 |
| 30 | Gland bolt 1 nut, 1 washer, Part No. E045MC23 |
| 31 | Expeller, Part No. E028D21 |
| 32 | Expeller ring, Part No. E029G01 |
| 33 | End Cover Gasket / Shim ; PT. NO :- E025P50 |
| 34 | Grease Nipple |
| 35 | Bearing Assembly , Part No :- E005M |
| 36 | Volute Liner Seal, Part No . E4124S01 |
| 37 | Impeller , Part No . E4147R55, Natural Rubber |
| 38 | Cotter , Part No. E4085E02 |
| J | SPARES FOR WARMAN PUMP, MODEL:- 8/6 EAH |
| 1 | Frame Plate Liner, Part No. F6036MR55, MOC: Natural Rubber |
| 2 | Cover Plate Liner, Part No. F6018R55, MOC: Natural Rubber |
| 3 | Throatbush, Part No. F6083R55, MOC:Natural Rubber |
| 4 | Frame Plate, Part No.: EAM6032G01, MOC: CI |
| 5 | Cover Plate, Part No.: F6013G01, MOC: CI |
| 6 | Impeller, Part No.: F6147A05, MOC: 27%Chrome Alloy |
| 7 | Shaft Sleeve, Part No.: E075C21, MOC : SS - 420C |
| 8 | Gland, Part No. E044C23, MOC: SS- 316 |
| 9 | Lantern Restrictor, Part No. : E118C23, MOC : SS - 316 |
| 10 | Bearing Assembly, Part No. : EAM005M, |
| 11 | Shaft with keys, Part No.: EAM073ME03, MOC: EN8 |
| 12 | Stuffing Box, Part No.: EAM078G01, MOC : CI |
| 13 | End Cover, Part No.: E02410G01, MOC: CI |
| 14 | Piston Ring, Part No.: E108G02, MOC: CI |
| 15 | Grease Retainer, Part No.: E046G01, MOC: CI |
| 16 | Shaft Spacer, Part No.: EAM117C21, MOC: SS 420C |
| 17 | Gland Clamp Bolt, Part No.: E126MC23, MOC: SS - 316 |
| 18 | Cover Plate Bolt - 2 Nuts ; Pt.No:- F6015ME63 |
| 19 | Frame Plate liner Stud, Part No. E10026ME62 |
| 20 | Frame Plate bolt, Part No. E034ME63, MS |
| 21 | Clamp Washer, Pt.No :- E011E63 1800.61 |
| 22 | Clamp Bolt - 1 Nut , Pt.No:- E012ME62 |
| 23 | Shaft Sleeve O Ring, Pt.No :- E109S10 |
| 24 | Impeller , Pt. No:- F6147R55, Natural Rubber |
| 25 | Cotter , Pt.No:- F6085E02 |
| 26 | Adjusting Screw - 3 nuts - 2 washers ; Pt.No:- E001ME62 |
| 27 | Gland Bolt - 1 Nut - 1 Washer ; Pt.No:- E045MC23 |
| 28 | Impeller O Ring, Pt.No:- F064S10 |
| 29 | Seal Ring , Pt.No:- F122R11 ; Natural Rubber |
| 30 | Frame Plate Liner Insert , Pt.No:- F6041MA05 |
| 31 | Discharge Joint ; Pt.No:- F6132LS01 |

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| 32 | ThroatBush ; Pt.No:- F6083WRT1A05 |
| 33 | Throat Bush Stud . Pt.No:- M12Z3-50ZL |
| 34 | Intake Joint ; Pt.No;- F6060S01 |
| 35 | Base ; Pt.No;- E003MG01 |
| 36 | Back Liner Seal ; Pt.No:- F8124S01 |
| 37 | Volute Liner , Pt.No:- F6110A05 |
| 38 | Cover Plate Bolt - 2 Nuts ; Pt.No:- F6015ME63 |
| 39 | Impeller ; Pt.No :- F6145WRT1A05 |
| K | SPARES FOR WARMAN PUMP, MODEL:- 65QVSPR |
| 1 | Labyrinth Lock nut, Pt.No;- QV061E62 |
| 2 | Labyrinth ; Pt.No;- QV062D81 |
| 3 | Grease Nipple ; Pt.No:- WP4L70-Z |
| 4 | Piston Ring ; Pt.No:- D108G02 |
| 5 | Shaft Sleeve Ejector ; Pt.No:- QV077C21 |
| 6 | Bearing Seal ; Pt.No:- QV089S10 |
| 7 | Flinger ; Pt. No:- QVR184S44 |
| 8 | Spacer Jet ; Pt.No:- QV290E02 |
| 9 | Discharge Pipe ; Pt.No:- QVR65154 |
| 10 | Strainer ; Pt. No :- SPR65116R10 |
| 11 | Column ; Pt.No:- QVR65102 |
| 12 | Impeller O Ring ; Pt.No;- QV064S10 |
| 13 | Impeller ; Pt.No:- SPR65206AR55 |
| 14 | Back Liner ; Pt.No;- SPR65041 |
| 15 | Casing ; Pt.No:- SPR65092 |
| 16 | Volute Frame Seal ; Pt.No:- D3125S01 |
| 17 | Joint Ring intake ; Pt.No;- SP65060S00 |
| 18 | Discharge Pipe gasket ; Pt.No;- SP65204R00 |
| 19 | Bearing Assembly ; Pt.No:- QVR65005G |
| L | SPARES FOR WARMAN PUMP, MODEL:- 100 RV SP |
| 1 | BEARING HOUSING, PART NO. RV0041D21 |
| 2 | BEARING SEAL, PART NO. RV089S10 |
| 3 | BEARING SLEEVE, PART NO.RV008E02 |
| 4 | END COVER, PART NO.RV024D21 |
| 5 | END COVER LOWER, PART NO.RV024L1D21 |
| 6 | END COVER SHIM SET, PART NO.RV025S14 |
| 7 | END COVER O RING, PART NO.RV217S10 |
| 8 | LABYRINTH, PART NO.RV062D81 |
| 9 | LABYRINTH LOCK NUT, PART NO.RV061E62 |
| 10 | LABYRINTH LOCK WASHER, PART NO.SKFMB17 |
| 11 | PISTON RING, PART NO.R108G02 |
| 12 | SHAFT, PART NO.RV10073LE05 |
| 13 | SHAFT KEY , PART NO.RV070E05 |
| 14 | SHAFT SLEEVE EJECTOR, PART NO.RV077C21 |
| 15 | IMPELLER, PART NO.SP10206AA05 |
| 16 | IMPELLER O RING, PART NO.RV064S10 |

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| 17 | SPACER SET, PART NO.RV290E02 |
| 18 | STRAINER, PART NO.SP101164C23 |
| 19 | BACK LINER, PART NO.SP10041A05 |
| 20 | BACK LINER SEAL, PART NO.E4124S01 |
| 21 | CASING, PART NO.SP10092A05 |
| 22 | COLUMN, PART NO.RV10102LE02 |
| 23 | STRAINER LOWER, PART NO.SP10116LD21 |