

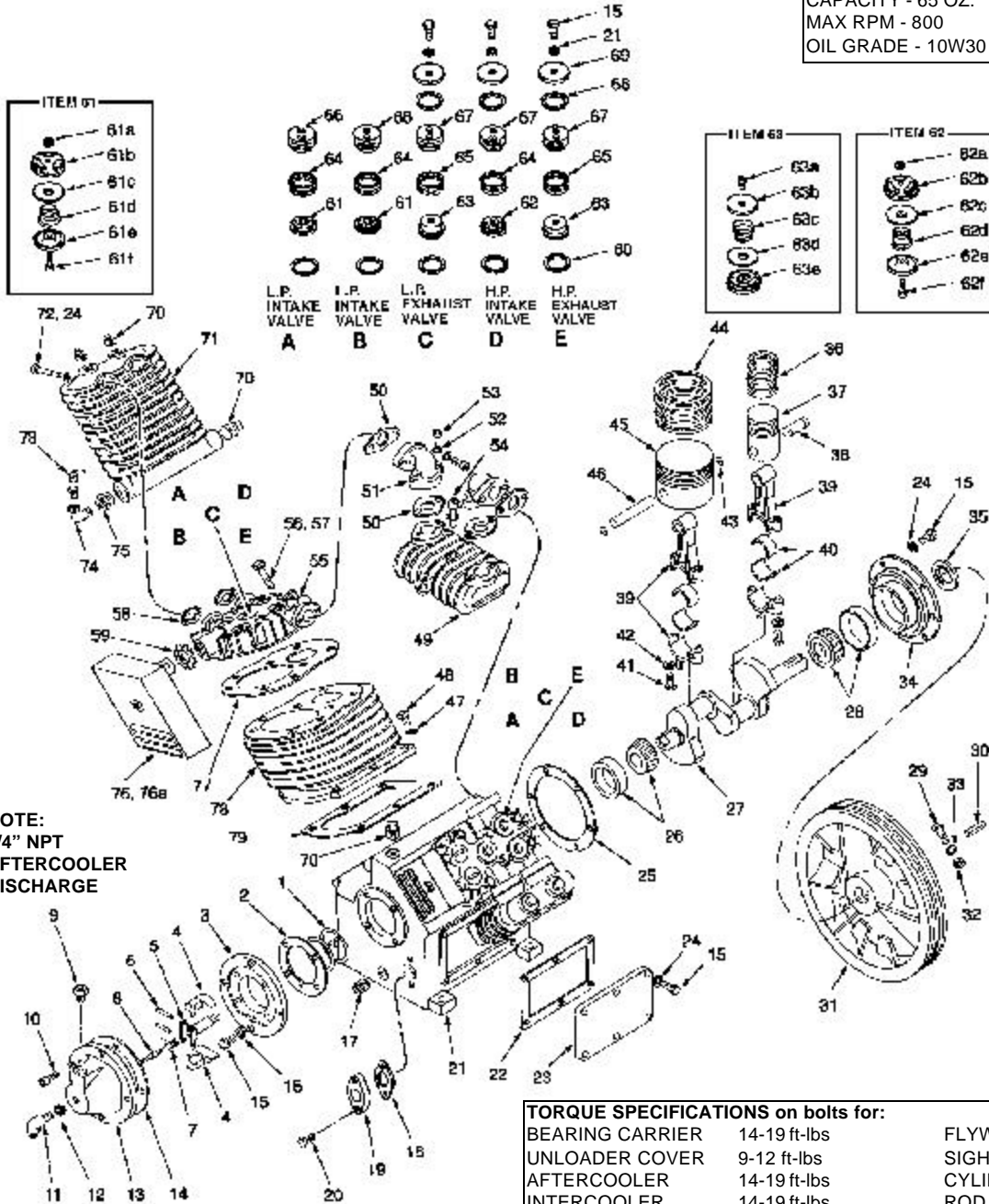
MODEL 040-0212

PARTS DRAWING _____ DESSIN DES PIÈCES _____ ESQUEMA DE LAS PIEZAS

PUMP SC46

PUMP SPECIFICATIONS

WEIGHT - 312 LBS
CAPACITY - 65 OZ.
MAX RPM - 800
OIL GRADE - 10W30



NOTE:
3/4" NPT
AFTERCOOLER
DISCHARGE

TORQUE SPECIFICATIONS on bolts for:

BEARING CARRIER	14-19 ft-lbs	FLYWHEEL	65-75 ft-lbs
UNLOADER COVER	9-12 ft-lbs	SIGHT GLASS	14-19 ft-lbs
AFTERCOOLER	14-19 ft-lbs	CYLINDER	19-27 ft-lbs
INTERCOOLER	14-19 ft-lbs	ROD	34-37 ft-lbs
VALVE RETAINERS	90-100 ft-lbs	HEAD	32-37 ft-lbs
VALVE COVER	14-19 ft-lbs	VALVE	5-12 ft-lbs
SIDE COVER	14-19 ft-lbs		

DATE 5/24/00

ORIGINAL

MODEL 040-0212

PARTS LIST _____ LISTE DE PIÈCES _____ LISTA DE LAS PIEZAS

PUMP SC46

Item Art Art	Part No Nº / P Núm / P	Qty Qté Cant	Description	Description	Descripción
1	046-0175	AR	Shim, bearing adj., .005 thick	Cale	Calzo
	046-0176		Shim, bearing adj., .010 thick		
	046-0177		Shim, bearing adj., .020 thick		
2	046-0227	1	Gasket, adapter plate	Joint	Empaquetadura
3	077-0070	1	Plate, adapter, centrif. unloader	Plaque	Placa
4	096-0009	2	Weight	Poids	Peso
5	114-0112	1	Holder, weight	Manche	Soporte
6	107-0015	2	Pin	Goupille	Pasador
7	055-0051	1	Spring	Ressort	Resorte
8	078-0011	1	Plunger	Piston	Embolo
9	056-0018	1	Breather, crankcase	Reniflard	Respiradero
10	059-0156	4	Screw, M6 x 20 mm lg	Vis	Tornillo
11	031-0057	1	Valve, air, w/ valve core	Soupape	Válvula
12	058-0084	1	Nut, brass, M10	Écrou	Tuerca
13	077-0071	1	Housing, centrifugal unloader	Corps	Compartimiento
14	046-0171	1	Gasket	Joint	Empaquetadura
15	059-0166	21	Screw, M8 x 20 mm lg	Vis	Tornillo
16	060-0070	4	Washer, lock, 8 mm	Rondelle	Arandela
17	062-0004	1	Plug, oil drain	Bouchon	Tapón
18	046-0178	1	Gasket, sight glass flange	Joint	Empaquetadura
19	032-0031	1	Flange, w/sight glass	Bride	Brida
20	059-0153	2	Screw, M8 x 30 mm lg	Vis	Tornillo
21	049-0028	1	Crankcase	Carter	Cárter
22	046-0170	1	Gasket, side cover	Joint	Empaquetadura
23	077-0072	1	Cover, side	Couvercle	Tapa
24	060-0061	26	Washer, copper .52" O.D. x .32" I.D.	Rondelle	Arandela
25	046-0168	1	Gasket, front cover	Joint	Empaquetadura
26	051-0054	1	Bearing set, rear	Jeu de roulements	Conjunto de cojinete
27	053-0052	1	Crankshaft	Vilebrequin	Cigüeñal
28	051-0053	1	Bearing set, front	Jeu de roulements	Conjunto de cojinete
29**	059-0163	1	Bolt, M16 x 80 mm lg	Boulon	Perno
30**	146-0015	1	Key, flywheel	Cle	Chaveta
31**	044-0051	1	Flywheel, 19" O.D.	Volant-moteur	Volante
32**	058-0086	1	Nut, M16	Écrou	Tuerca
33**	060-0069	1	Washer, lock, 16mm	Rondelle	Arandela
34	045-0044	1	Bearing carrier, front	Support, roulement	Portador, cojinete
35	046-0179	1	Seal, shaft	Joint	Sello
36	054-0178	1	Ring set, high pressure	Jeu de segment	Juego de anillos
37	048-0081	2	Piston, high pressure	Piston	Pistón
38	052-0028	2	Pin, wrist, high pressure	Goupille	Pasador
39	047-0054	4	Rod, connecting	Tige	Varilla
40	051-0055	4 pr.	Insert, bearing	Pièce rapportée	Inserto
41	059-0154	8	Screw, rod, M10 x 45 mm lg	Vis	Tornillo
42	060-0072	8	Washer, lock 10 mm	Rondelle	Arandela
43	054-0119	4	Retaining ring	Anneau de retenue	Anillo retenedor
44	054-0179	2	Ring set, low pressure	Jeu de segment	Juego de anillos
45	048-0054	2	Piston, low pressure	Piston	Pistón
46	052-0027	2	Pin, wrist, low pressure	Goupille	Pasador
47	060-0063	12	Washer, copper, .66 O.D. x .41 I.D.	Rondelle	Arandela
48	059-0159	12	Screw, cylinder M10 x 30 mm lg	Vis	Tornillo
49	082-0013	1	Aftercooler	Refroidisseur supplémentaire	Postrefrigerador
50	046-0172	4	Gasket, manifold, aftercooler	Joint	Empaquetadura
51	083-0008	2	Elbow, manifold, aftercooler	Coude	Codo
52	060-0070	8	Washer, lock, 8 mm	Rondelle	Arandela
53	059-0158	8	Bolt, manifold, M8 x 25 mm lg	Boulon	Perno

MODEL 040-0212

PARTS LIST

LISTE DE PIÈCES

LISTA DE LAS PIEZAS

PUMP SC46

Item Art <u>Art</u>	Part No Nº / P <u>Núm / P</u>	Qty Qté <u>Cant</u>	<u>Description</u>	<u>Description</u>	<u>Descripción</u>
54	136-0047	1	Valve, pressure relief, 225 PSI	Soupape	Válvula
55	042-0055	1	Head, cylinder (side shown).....	Tête	Cabeza
	042-0056	1	Head, cylinder (other side).....	Tête	Cabeza
56	059-0167	16	Bolt, head, M12 x 70 mm lg.....	Boulon	Perno
57	060-0105	16	Washer, M12	Rondelle	Arandela
58	046-0173	4	Gasket, intercooler.....	Joint.....	Empaquetadura
59	058-0087	2	Nut, conduit, 1"	Écrou.....	Tuerca
60	060-0062	10	Washer, copper.....	Rondelle	Arandela
61	043-0098	4	Intake valve assy, low pressure	Ensemble de la soupape.....	Conjunto de válvula
			includes items 61a-61f	d'admission	de admisión
61a	--	1	Nut, self-locking, hex jam	Écrou	Tuerca
61b	--	1	Seat, valve	Siège	Asiento
61c	--	1	Plate, valve	Plaque	Placa
61d	--	1	Spring, valve	Ressort	Resorte
61e	--	1	Guide, valve.....	Guide.....	Guía
61f	--	1	Bolt, M6 x 20 mm lg	Boulon	Perno
62	043-0099	2	Intake valve assy, high pressure	Ensemble de la soupape.....	Conjunto de válvula
			includes items 62a-62f	d'admission	de admisión
62a	--	1	Nut, self-locking, hex jam	Écrou.....	Tuerca
62b	--	1	Seat, valve	Siège	Asiento
62c	--	1	Plate, valve	Plaque.....	Placa
62d	--	1	Spring, valve	Ressort	Resorte
62e	--	1	Guide, valve.....	Guide.....	Guía
62f	--	1	Bolt, M6 x 20 mm lg	Boulon	Perno
63	043-0100	4	Exhaust valve assy, high & low	Ensemble de soupape	Conjunto de válvula
			includes items 63a-63e	d'échappement	de escape
63a	--	1	Bolt, M6 x 12 mm lg	Boulon.....	Perno
63b	--	1	Guide, valve	Guide.....	Guía
63c	--	1	Spring, valve	Ressort	Resorte
63d	--	1	Plate, valve	Plaque.....	Placa
63e	--	1	Seat, valve	Siège	Asiento
64	043-0094	6	Spacer, intake valve	Entretoise	Espaciador
65	043-0095	4	Spacer, exhaust valve	Entretoise	Espaciador
66	058-0082	4	Retainer, valve, low pressure	Retenue.....	Retenedor
67	058-0083	6	Retainer, valve	Retenue.....	Retenedor
			low pressure exhaust or		
			high pressure intake and exhaust		
68	046-0174	6	Gasket, valve cover	Joint.....	Empaquetadura
69	077-0073	6	Cover, valve.....	Couvercle	Tapa
70	062-0006	7	Plug, pipe, 3/4" NPT		
71	082-0012	2	Intercooler.....	Refroidisseur intermédiaire	Enfriador intermedio
72	059-0157	8	Bolt, M8 x 90 mm lg	Boulon.....	Perno
73	136-0046	2	Valve, pressure relief, 75 PSI	Soupape	Válvula
74	064-0022	2	Elbow, 90° street, 1/4"		
75	063-0006	2	Bushing, reducer.....	Bague.....	Buje
76	019-0097	2	Filter, cannister assy	Filtre	Filtro
			includes item 76a		
76a	019-0023	2	Element, filter replacement.....	Élément.....	Elemento
77	046-0166	2	Gasket, cylinder head.....	Joint.....	Empaquetadura
78	050-0030	2	Cylinder.....	Cylindre.....	Cilindro
79	046-0167	2	Gasket, cylinder/crankcase.....	Joint.....	Empaquetadura

MODEL 040-0212

PARTS LIST _____ LISTE DE PIÈCES _____ LISTA DE LAS PIEZAS

PUMP SC46

AVAILABLE SERVICE KITS

<u>Part No</u>	<u>Description</u>	<u>Description</u>	<u>Descripción</u>
046-0185	Gaskets, complete set includes items 2, 14, 18, 22, 25, 50, 55, 68, 79, washers 24, 47 and 60	Joints, jeu complet includ les éléments 2, 14, 18, 22, 25, 50, 58, 68, 79, rondelles 24, 47 et 60	Juntas, conjunto completo incluye los artículos 2, 14, 18, 22, 25, 50, 58, 68, 79, arandelas 24, 47 y 60
046-0186	Gaskets, valve set includes items 68, 10 washers item 60 and six washers item 24	Joints, jeu de soupape includ les éléments 68, 10 rondelles, les élément 60 et six rondelles, les élément 24	Juntas, conjunto des válvula incluye los artículos 68,10 arandelas, los artículo 60 y seis arandelas, los artículo 24
070-0020	Centrifugal unloader assy includes items 4-8	Ensemble de régulateur de pression centrifuge includ les éléments 4 – 8	Conjunto de descargador centrifugo incluye los artículos 4 – 8
165-0065	Overhaul kit includes items 046-0185, 35, 36, 40, 44, 61, 62 and 63	Jeu de pièces de remise en état includ les éléments 046-0183, 35, 36, 40, 44, 61, 62 et 63	Juego de reparación general incluye los artículos 046-0183, 35, 36, 40, 44, 61, 62 y 63

****Items must be purchased separately when ordering the pump assembly, if needed.**

****Des elements doivent etre achetes seperately en commandant le pompe si necessaire.**

****Los items deben comprados seperately al pedir el ensamblaje de la bomba si estan necesitados.**

DATE 5/24/00

ORIGINAL