



Item	Description	Qty.	Part Number
1	Adapter.....	1	512372-001
2	Bearing, Shaft.....	1	011680-001
3	Blind	1	011941-001
4	Block:		
	Standard	1	538294-001
	Low Flow.....	1	538294-002
	High Viscosity (2,000 SSU-10,000 SSU)	1	538294-041
5	Body:		
	SD-30.....	1	538259-001
	SD-30 Ductile Iron	1	538259-002
6	* Bushing	1	503377-002
7	+ Calibrator:		
	Manual	1	512059-001
	Temperature Compensated (Standard)	1	512060-001
@1	Temperature Compensated (Special Temp. or API)	1	516130-xxx
	Dummy Calibrator.....	1	516105-001
8	Cap, Screw	1	013667-001
9	Clamp, Tube.....	1	003905-001
10	Collar	1	011327-001
11	+ Coupling, Drive.....	1	072103-002
12	Cover	1	538261-091
13	Cover, Knob.....	1	003553-001
14	Cup, Oil.....	1	006588-001
15	Dowel, Cover	1	002372-001
16	Flange, Gland.....	1	010171-001
17	+ Gasket	1	013669-001
18	+ Gasket	1	060341-001
19	* Gasket, Cover Plate	1	003834-001
20	+ Gasket, Gland	1	010173-001
21	@2 Gear, Calibrator Drive:		
	U.S. Gallons, 5:1 Ratio.....	1	515464-001
	Imperial Gallons, 5:1 Ratio	1	518375-001
	Dekalitres, 1:1 Ratio	1	515491-001
22	@2 Gear, Intermediate Pinion:		
	U.S. Gallons, 5:1 Ratio.....	1	515462-001
	Imperial Gallons, 5:1 Ratio	1	518373-001
	Dekalitres, 1:1 Ratio	1	505084-001
23	@2 Gear, Jackshaft.....	1	515483-001
24	@2 Gear, Pinion:		
	U.S. Gallons, 5:1 Ratio.....	1	505081-001
	Imperial Gallons, 5:1 Ratio	1	505081-001
	Dekalitres, 1:1 Ratio	1	505081-001
25	@3+ Gland, Packing:		
	Buna-N.....	1	518630-001
	Viton.....	1	518630-002
	Teflon	1	009535-001
	Brass/Viton	1	008934-001
26	+ O-ring, Cover:		
	Buna-N.....	1	640108-051
	Viton.....	1	640894-409
27	Pin, Calibrator Drive Gear, 5/64 x 1/2"	1	006053-002
28	Pin, Drive Coupling, 1/16 x 5/8".....	1	006028-002
29	Pin, Cotter, 1/16 x 3/8".....	2	009825-400
30	Pin, Locating.....	1	503484-001
31	* Plate, Caution.....	1	006571-001
32	Plate, Cover.....	1	003440-001
33	Plug, 1/2" NPT:		
	New Style Body	2	006505-002
	Old Style Body	1	006505-002

Item	Description	Qty.	Part Number
34	Plug, Temperature Well.....	1	012025-001
35	Rotor and Blade Assembly:		
	Standard	1	517344-001
	All Iron.....	1	517344-002
36	Arm, Locking	1	505031-002
37	Pin.....	1	002362-001
38	+ Bearing, Rotor.....	2	003784-001
39	+ Bearing, Thrust.....	1	009689-001
40	+ Blade, Upper and Lower:		
	Standard	2	502105-001
	Upper High Viscosity (2,000 SSU to 10,000 SSU)	1	502105-041
	Upper High Temperature (200°F)	1	502105-042
	Upper High Viscosity and High Temperature	1	502105-043
	Lower High Viscosity (2,000 SSU to 10,000 SSU)	1	502105-051
	All Iron	2	534659-001
	All Iron Upper High Viscosity (2,000 to 10,000 SSU) .	1	534659-041
	All Iron Lower High Viscosity (2,000 to 10,000 SSU)..	1	534659-051
41	+ Bearing, Blade	4	009815-400
42	Pin, Cotter, 3/32 x 1"	4	006308-001
43	Shaft.....	4	003449-001
44	Block, Blade	4	010289-002
45	Clamp, Blade Block	4	010212-001
46	Key, Woodruff	1	006041-002
47	Plate, Rotor Gear	1	009697-001
48	Rotor:		
	Standard	1	501926-001
	High Viscosity (2,000 SSU to 10,000 SSU)	1	501926-041
49	Screw, #10-32 x 5/8"	8	008338-400
50	Screw, #4-40 x 1/4"	2	006012-002
51	Screw, Locking Arm, 5/16-18 x 1"	1	641230-403
52	Screw, Rotor Gear Plate, 1/4-20 x 3/4"	4	005061-400
53	+ Shaft and Cam Assembly.....	1	538295-001
54	Cam	1	538358-001
55	Key, Woodruff.....	1	006041-002
56	Ring, Retaining	1	640961-405
57	Shaft	1	502107-001
58	Lock, Rotor Bearing Spring.....	1	003745-001
59	Screw, 1/4-28 UNF-2A x 3/4"	1	645916-401
60	Screw, 7/16-14 x 1-1/2"	1	642051-401
61	Screw, Adjusting	1	013668-001
62	Screw, Base Plate, #10-32 x 7/8"	2	640835-001
63	Screw, Body, 7/16-14 x 1".....	1	014168-400
64	Screw, Calibrator, #6-32 x 5/16"	2	006048-002
65	Screw, Cover, 3/8-16 x 1-1/8"	20	660248-405
66	Screw, Cover Plate, #10-32 x 3/8"	2	006045-002
67	Screw, Knob Cover, #10-24 x 3/4"	2	006481-003
68	Screw, Packing Gland Flange, #10-32 x 1/2"	2	006764-002
69	Screw, Temp. Well Blind, 5/16-18 x 1"	2	060133-002
70	* Screw, Type U x 1/8"	8	009880-400
71	+ Seal, Wire and Lead	1	001627-400
72	Spring, Rotor	1	503311-002
73	Stem Assembly, Adjusting	1	009838-001
74	Ball, 1/8" Diameter	2	006427-001
75	Plate, Base	1	003552-001
76	Plate, Retainer	1	003556-001
77	Spring, Knob.....	2	003557-001
78	Stem, Adjusting.....	1	003551-001
79	Stud, Pinion	1	004036-001
80	Tube, Oil	1	514658-001

Item	Description	Qty.	Part Number
81	+ Washer, Flat, .500 OD x .193 ID x .010 Thick	2	641985-401
82	+ Washer, Jackshaft	1	001125-001
83	Washer, Pinion	1	003599-001
84	Washer, Thrust	1	002366-001

+ Recommended stock.

* Not illustrated.

R Indicates change since last revision.

@1 Note 1: Include meter and gearing, temperature range, and API table and gravity.

@2 Note 2: Only standard gearing listed. For additional gearing combinations, see Gear Train Bulletin AB01023.

@3 Note 3: See Form No. P0605.* for component parts.

Revisions included in P0543.06 Issue/Rev. 0.6 (6/11):
Total Revision.

The specifications contained herein are subject to change without notice and any user of said specifications should verify from the manufacturer that the specifications are currently in effect. Otherwise, the manufacturer assumes no responsibility for the use of specifications which may have been changed and are no longer in effect.

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