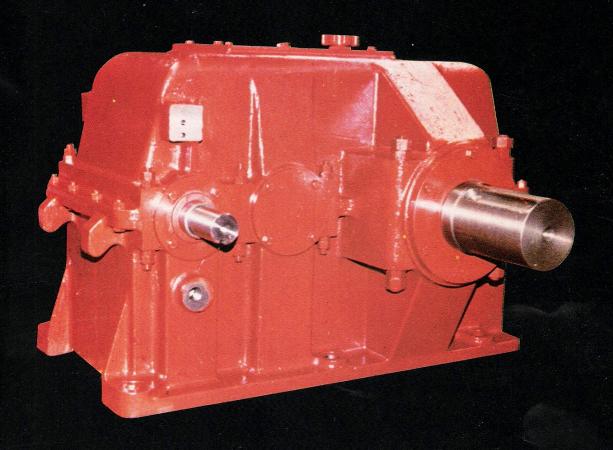
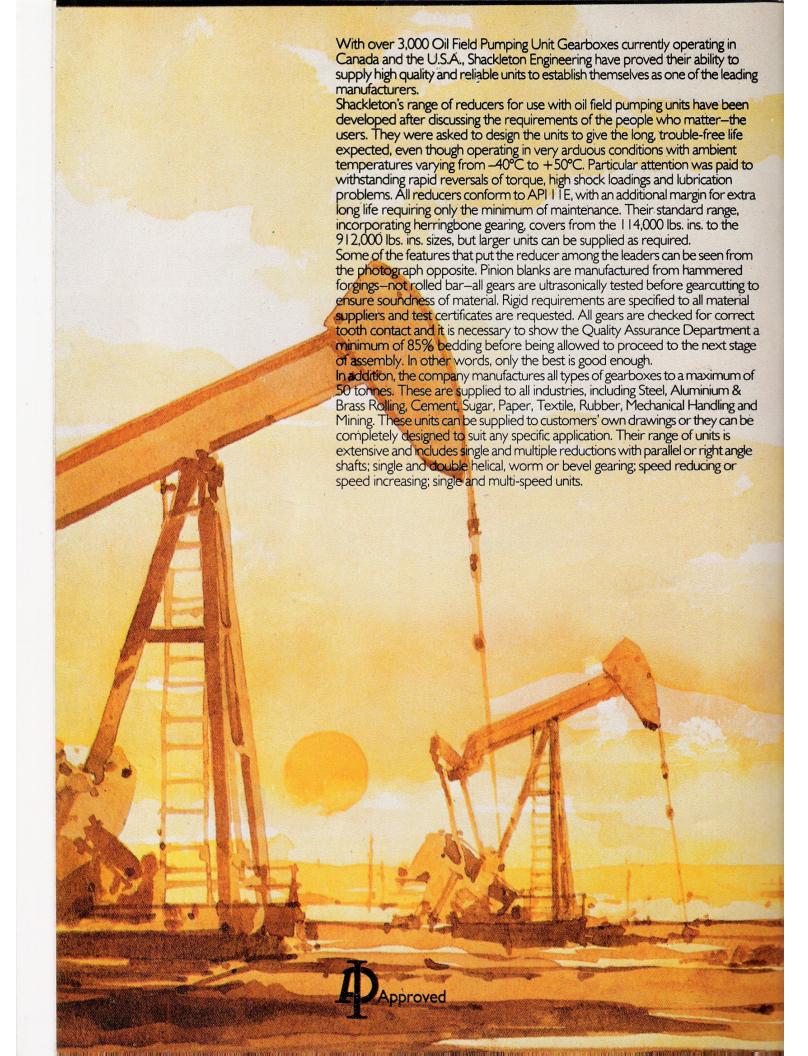
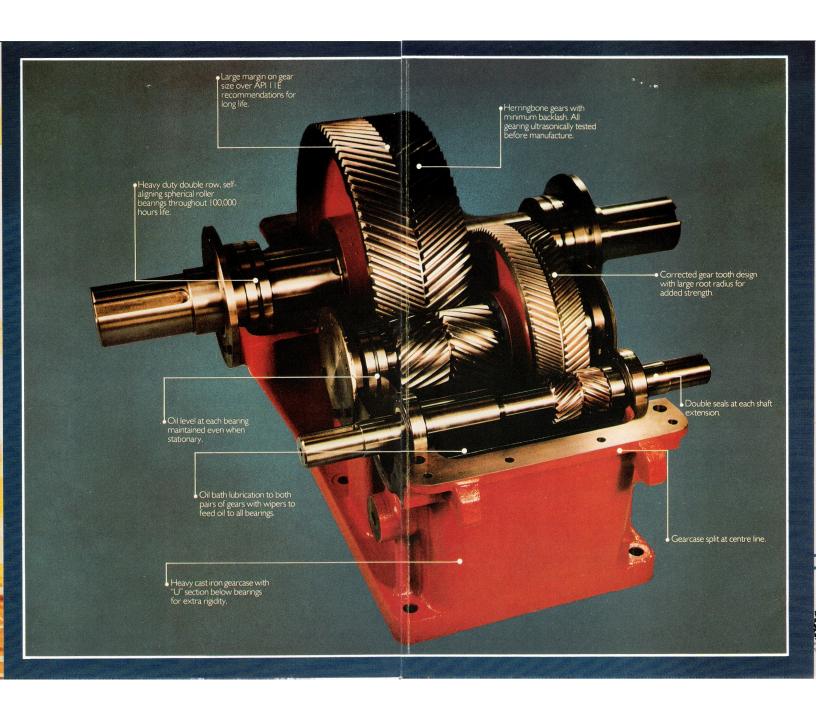
OIL FIELD PUMPING UNIT SPEED REDUCERS

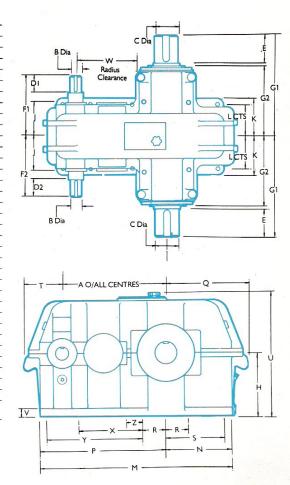


Shadzeton





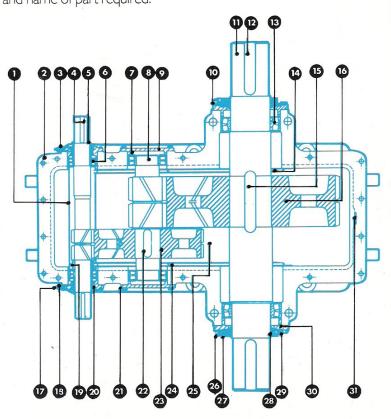
SIZE	114,000	160,000	228,000	320,000	456,000	640,000	912,000
RATIO	30:1. NOM	30:1.NOM	30:1.NOM	30:1.NOM	30:1.NOM	30:1.NOM	30:1.NOM
Α	24.56"	27-25"	30-50"	35.00"	39.75"	44 75"	51.75"
В	2-50"	2.50"	2.75"	2.75"	4.25	4-25"	5-00"
B-K/WAY	8" W x 샹" DP	\$" W x 참" DP	8" W x 16" DP	{"W× 16" DP	11" W x 1" DP	13" W x 8" DP	1}" W x 1 DF
С	5.00"	6.00"	6.00"	7.00"	7.50"	7-50"	7.50"
C-K/WAY	11" W x 1"DP	1½" W x ¾" DP	13"W x 3"DP	13" W x 8" DP	13" W x 1" DP	13" W × 8" DP	13" W x 8" DF
DI	4.25"	4-25"	4-88"	6.00"	10-00"	7-75"	9.50"
D2	4.25"	4-25"	4-25"	4.25"	6.50"	6.50"	7.50"
E	8.00"	8-00"	9.00"	10.00"	10-00"	10.00"	10.00"
FI	16-50"	16.50"	20.00"	22-25"	28-00"	28-00"	31.75"
F2	16-50"	16.50"	17.75"	19.00"	24-50"	26.75"	29.75"
GI	28-00"	28.00"	31.50"	33-50"	40-50"	43.00"	47-50"
G2	18-75"	18-88"	20-63"	20-63"	25-25"	29-25"	32.50"
Н	16.00"	16-00"	19.00"	22.00"	26-00"	28-00"	32.00"
	11-00"	11-37"	12.75"	14.00"	16-75"	18-75"	20.50"
K	12-00"	12-00"	13-00"	15-00"	17-00"	19-25"	23-00"
L	10-50"	10.50"	11.00"	13.00"	15-125"	17.00"	20.00"
М	44.50"	46-25"	51.75"	60-50"	70-50"	81-00"	93-00"
N	14-25"	16.00"	17.00"	20-00"	23-75"	26.50"	33.00"
P	30-25"	30-25"	34.75"	40.50"	46-75"	54-50"	60.00"
Q	18-25"	20-00"	21-00"	24-00"	28-75"	31-50"	41.00"
R	9.00"	9.00"	7-00"	7.50"	8.50"	10-50"	12.00"
S			15-00"	18-00"	21-25"	23.50"	29.00"
Т	9-70"	9-70"	10-00"	9.50"	12-00"	14-75"	16.25"
U	31-50"	33-63"	37.88"	43.88"	51-63"	56.00"	64.50"
٧	2.00"	2-00"	2-50"	2.50"	3-00"	3.00"	4.00"
W	17-18"	19-87"	20-63"	25-63"	29-00"	31-75"	37.00"
X			4-75"	8.13"	9.75"	26-75"	31.00"
Υ	19-75"	19-75"	25.75"	31-00"	35-75"	41-25"	45.50"
Z							8.50"
BOLT DIA	1-38"	1.38"	1.38"	1.38"	1.875"	1-875"	1.875″
HOLES No.	6	6	10	10	10	10	12
WEIGHT	3,087 lbs.	3,248 lbs	4,592 lbs	6,273 lbs	10,528 lbs	13,440 lbs	18,480 lbs
OIL QTY U.S. GALLS	20-00	20-00	30.00	48.00	65-00	85-00	110-00



- 1. OIL CATCHMENT.
- 2. GEARCASE. INSPECTION COVER. FND COVER SETSCREWS.
- 3. INPUT SHAFT END COVER.
- 4. INPUT SHAFT.
- 5. OUTER SLEEVE. \*
- 6. INPUT SHAFT BEARING.
- 7. INTERMEDIATE SHAFT BEARING.
- 8. INTERMEDIATE SHAFT.
- 9. INTERMEDIATE SHAFT END COVER.
- 10. OUTPUT SHAFT END COVER.
- II. OUTPUT SHAFT.
- 12. OUTPUT SHAFT KEY.
- 13. OUTPUT SHAFT BEARING.
- 14. OIL CASCADE R.H.
- 15. OUTPUT WHEEL KEY.
- 16. OUTPUT WHEEL.
- 17. GREASE NIPPLE.
- 18. END COVER SETSCREWS.
- 19. INNER SLEEVE. \*
- 20. INPUT SHAFT OIL SEAL.
- 21. END COVER SETSCREWS.
- 22. INPUT WHEEL KEY.
- 23. INPUT WHEEL.
- 24. OIL CASCADE L.H.
- 25. DIP STICK. OIL FILLER PLUG.
- 26. GREASE NIPPLE.
- 27. RETAINING COVER SETSCREWS. OIL SEAL RETAINING COVER.
- 28. OUTPUT SHAFT OIL SEAL.
- 29. END COVER SETSCREWS.
- 30. END COVER SHIMS.
- 31. MAGNETIC DRAIN PLUG. DRAIN PLUG WASHER.

Items marked \* may or may not be used depending on size of gear unit.

When ordering parts, please advise size and serial number of reducer, along with the item number and name of part required.



## American Petroleum Institute

## Certificate of Authority To Use Official Monogram

THE AMERICAN PETROLEUM INSTITUTE hereby grants to

SHACKLETON ENGINEERING LIMITED
Cheshire, England
the right to use the official monogram on gear boxes
under the conditions specified in the official publication of the American Petroleum Institute
entitled Std 11E Specification for Pumping Units
and in accordance with the provisions of the agreement set forth in the application.

The American Petroleum Institute reserves the right to revoke this authorization to use the official monogram, for any reason satisfactory to the Board of Directors of the American Petroleum Institute.

Issued.

March 11, 19 82.



AMERICAN PETROLEUM INSTITUTE,



DESIGNERS & MANUFACTURERS OF INDUSTRIAL GEARBOXES

Registered Office: Kenwood Road, Reddish, Stockport, Cheshire SK5 6NE Telephone: 061-442 8533 Telex 669 169

## **NORTH AMERICAN SALES:**

Shackleton Sales Inc. 3100 Forest Oaks Drive, Suite 350, Houston, Texas, U.S.A. Telephone: 713 946 5233/5237 Telex: 255 910 8804014.



