

IN 1973, THE LATE **SHEIKH ZAYED BIN SULTAN AL NAHYAN** ENTRUSTED US WITH A UNIQUE RESPONSIBILITY TO HARNESS THE **ENERGY RESOURCE** IN SERVICE OF OUR NATION. SINCE THAT DAY, **ABU DHABI NATIONAL OIL COMPANY (ADNOC)** HAS WORKED HARD TO CONTINUALLY INNOVATE AND BRING ONLY THE HIGHEST QUALITY PRODUCTS TO BOTH DOMESTIC AND INTERNATIONAL MARKETS.

IT IS THAT COMMITMENT THAT HAS LED ADNOC DISTRIBUTION TO BECOME THE REGION'S LARGEST AND MOST INNOVATIVE PETROLEUM COMPANY, AND **THE REGION'S NO.1 BRAND**, WITH THE LARGEST DISTRIBUTION NETWORK IN THE UAE AT OVER 360 SERVICE STATIONS AND MORE THAN **20 MILLION CUSTOMER VISITS EVERY MONTH** BY 2020. OUR KEY PROMISE TO OUR CLIENTELE IS TO DEVELOP PRODUCTS THAT EXCEED THE HIGHEST QUALITY STANDARDS AND CREATE AND REINVENT FORMULAS FOR **HIGH-PERFORMANCE** AND **HIGH-MILEAGE ENGINE OILS**. THIS COMMITMENT TO INNOVATION IS REFLECTED IN OUR PRODUCTS THAT ARE DESIGNED TO KEEP VEHICLES OPERATING SAFELY AND RETURN OPTIMUM VALUE TO OUR CUSTOMERS.

FIRST **OPENED IN 1979**, THE ADNOC LUBRICANTS AND BLENDING PLANT HAS SEEN CONTINUAL UPGRADES AND IMPROVEMENTS THAT MAINTAIN ITS STATURE AS A STATE-OF-THE-ART FACILITY FOR LUBRICANT BLENDING, FILLING AND PACKAGING. WITH EXTENSIVE LAB FACILITIES FOR FORMULATING **HIGH-QUALITY PRODUCTS** AHEAD OF THE CHANGING MARKET, THE PLANT IS CAPABLE OF PRODUCING A FULL ARRAY OF ENGINE OILS, GREASES, HYDRAULIC FLUIDS, GEAR OILS AND SPECIALTY LUBRICANTS. BEING ISO9001-QUALITY CERTIFIED MEANS THAT ADNOC DISTRIBUTION LUBRICANTS ARE THE TOP CHOICE IN THE FIELD TO EXTEND FLEET LIFE AND SERVICE HOURS. THE BASE OILS USED AT THE PLANT ORIGINATE FROM ADNOC'S OWN MURBAN BAB OIL FIELD, ONE OF **THE LARGEST OIL FIELDS IN THE WORLD**, AND GIVES THE ADNOC LUBRICANTS AND BLENDING PLANT A DISTINCT ADVANTAGE IN THE QUALITY AND ADNOC'S OWN APPROVED BASE OIL USED IN ADNOC BRAND LUBRICANT PRODUCTION.

RATED NO.

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**NO. 1 BRAND
IN UAE BY
BRAND FINANCE**

12

**12TH LARGEST
OIL PRODUCER
IN THE WORLD**

ISO 17025

**ACCREDITED TESTING
LABORATORY**

ISO 9001

BLENDING FACILITY



Product	Viscosity Grade	Standard Specifications / Applications
HYDRAULIC OILS		
ADNOC HYDRAULIC OIL H	10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680	DIN 51524 Part 2; AFNOR NF E48-603 (HM); AFNOR NF E48-690, NF E48-691 Filterability; Denison HF0, and HF 1 specifications; Sperry Vickers 35VQ25; Cincinnati Milacron P-68 (ISO VG 32), Cincinnati Milacron P-70 (ISO VG 46), Cincinnati Milacron P-69 specification (ISO VG 68); Wet Phase (II) of the Denison T6C-020 vane pump; US Steel 127, 136.
ADNOC HYDRAULIC OIL H (GR II)	10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680	Group II/III (up to ISO VG 150) Based for better performance. Technical Specifications same as ADNOC HYDRAULIC OIL H series.
ADNOC HYDRAULIC OIL HP	10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680	High Viscosity Index Hydraulic Oils; DIN 51524 Part 3; Hagglunds Denison HF-0 and HF-2; Vickers 35VQ25; AFNOR NF E 48-603 (HV); Wet Phase II of the Denison T6C-20 vane pump; Cincinnati Milacron P-68 (ISO VG 32), P-70 (ISO VG 46) and P-69 (ISO VG 68); AFNOR NF E 48-690, NF E48-691 Filterability.
ADNOC HYDRAULIC OIL HP ((GR II)	10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680	GR II/III (Up to ISO VG 150) High Viscosity Index Hydraulic Oils VI; Other Specifications same as ADNOC HYDRAULIC OIL HP Series.
ADNOC HYDRAULIC OIL HP ZF	10, 15, 22, 32, 46, 68, 100, 150, 220, 320, 460, 680	Zinc-Free, High Viscosity Index Hydraulic Oils; Technical Specifications same as ADNOC HYDRAULIC OIL HP Series.

INDUSTRIAL GEAR OILS		
ADNOC INDUSTRIAL GEAR OIL EP	68, 100, 150, 220, 320, 460, 680, 1000, 1500	DIN 51517 Part 3; CLP; U.S. Steel 224; AGMA 9005-D94; David Brown S1, 53101
ADNOC SYNGEAR OIL PA	150, 220, 320, 460	PAO based Synthetic; DIN 51517 Part 3; ISO 6743-6 cat; CKD/CKT; U.S. Steel 224; David Brown H type.
ADNOC INDUSTRIAL COMPOUNDED GEAR OIL	460, 680	Compounded Gear Oil, ISO 6743 / 0Z.
ADNOC INDUSTRIAL GEAR OIL PAG	150, 220, 320, 460	DIN 51517 Part 3; meeting ISO 6743-6 cat; CKS/CKT; David Brown G type.

TURBINE OILS		
ADNOC GII TURBINE OIL	32, 46, 68, 77, 100	Made from Group II base oils. SIEMENS TLV 901304 & TLV 901305 Approved; ALSTOM HTGD 90117 Approved; Meeting as follows; BS 489, DIN 51515 (Part 1 &2), GEK 27070, 28143A, 46506D & 32568F.
ADNOC GII TURBINE OIL EP	32, 46, 68	Extreme Pressure Additive based Turbine oil made from Group II base oils. BS 489; DIN 51515 - Part I & II; ALSTOM HTGD 90117; GEK 27070, 28143A & 46506D & 32568F; Siemens TLV 901304 & TLV 901305.

COMPRESSOR OILS		
ADNOC COMPRESSOR OIL	32, 46, 68, 100, 150	DIN 51506 VD-L, For Air Discharge Temperature up to 2200 C.
ADNOC COMPRESSOR OIL PA	15, 32, 46, 68, 100, 150	Fully Synthetic, Polyalphaolefins (PAO) based compressor oil long life of 8000 hours or more life in single or multistage compressor. Meets : NF ISO 6743-3A; DAJ.
ADNOC COMPRESSOR OIL DE	46, 68, 100	Fully Synthetic, Di-Ester Based Compressor Oil for Rotary, Oil flooded, Screw and Vance Compressors. Turbo Compressors. Meets: NF- ISO 6743 DAC DAJ, DIN 51506 VDL.
ADNOC COMPRESSOR OIL PAG	68, 150	Fully Synthetic , Polyalkylene Glycol based compressor oils for LPG, LNG, Thelene, Propylene, Butylene, Ammonia, Vinyl Chloride Monomer and Butadiene and marine vessels carrying Liquefied Gasses.
ADNOC COMPRESSOR OIL PGP	32, 46	Polyalkylene Glycol And Polyol Ester Based Fully synthetic Compressor oil.

* (L) Indicates meeting performance level.

Product Name	Viscosity Grade	Standard Specifications
TRANSFORMER OILS		
ADNOC TRANSFORMER OIL UNINHIBITED		IEC 60296(03); BS 148 Class IA & Class IIA.
ADNOC TRANSFORMER OIL INHIBITED		IEC 60296(03); BS 148 Class IA & Class IIA.

METAL WORKING FLUIDS		
ADNOC SOLUBLE CUTTING OIL		For General machining operations like turning, milling, reaming, drilling, shaping and broaching.

HEAT TRANSFER OILS		
ADNOC HEAT TRANSFER FLUID GPII	22, 32	Group II Base Oil based Heat Transfer Fluid. DIN 502.51; ISO 12-6743 Type QB.

RAILROAD ENGINE OILS		
ADNOC RAILROAD ENGINE OIL	20W-40	GE Fundamental - Generation 6 Lube oil Approved; For EMD and For engines running in Ultra sulfur Distillate fuel.
ADNOC DIESEL ENGINE OIL RR SUPER P CD	40	Zinc free 17 TBN, for medium and high Sulphur Distillate fuel. For GM-EMD engines used in railway, marine, offshore and power generation service - LMOA Gen 5.

CIRCULATING OILS		
ADNOC CIRCULATING OIL	22, 3, 46, 68, 100, 150, 220, 320, 460	For bearing and circulating systems.

GENERAL PURPOSE OILS		
ADNOC GENERAL PURPOSE OIL	10, 22, 32, 46, 68, 100, 150, 220, 320, 460	Rust & Oxidation inhibited oil for use in re-circulating and other closed oil systems.

SPINDLE OIL		
ADNOC SPINDLE OIL	10, 15, 22	Cincinnati Milacron P-62 (ISO 10), P-45 (ISO 22).

ROCK DRILLING OIL / PNEUMATIC OIL		
ADNOC ROCK DRILLING OIL	46, 68, 100, 150	IS O 11/6743 Class P.

* (L) Indicates meeting performance level.

Product Name	Viscosity Grade	Standard Specifications
SLIDEWAY OILS		

ADNOC SLIDEWAY OIL	32, 46, 68, 100, 150, 220	ISO 4-6743 Type HM, Type HG, ISO 6- 6743 Type CKE, ISO 13-6743 Type GA.
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INDUSTRIAL GREASES		
ADNOC BENTONITE GREASE	2, 3	Clay-based grease for high temperature applications.
ADNOC BENTONITE MOLY GREASE	2, 3	Clay-based Molybdenum Di-Sulphide grease for high temperature and MoS2 protection.
ADNOC GREASE EM	NLGI 3	Dedicated electric motor-bearing grease with extra tackiness.

MOULD RELEASE OIL		
ADNOC MOULD OIL		Customized Mould Release Oil based on raw material.

WHITE OIL		
ADNOC PHARMA WHITE OIL	10, 22, 32, 46, 68	For Cosmetic, Polystyrene, Thermoplastic and Industrial applications.

DEGREASER		
ADNOC DEGREASER W		Water based degreaser.

VISCOSITY MODIFIER		
ADNOC SYN VM	24, 35, 50	Ready to use Viscosity Modifiers for lubricant blending.

REFRIGERATION OILS		
ADNOC REFRIGERATION OIL F	32, 46, 68	CFC like Freon R12, Carrier PP46-1, BS 2626 – 1992. Refrigeration systems using Freons, Ammonia and Carbon Dioxide. NOT recommended for HFC 134A.
ADNOC REFRIGERATION OIL AB	55, 100, 150	Fully Synthetic Refrigerant oil for R22 ,R408A, 409A, 410A.
ADNOC REFRIGERATION OIL PE	32, 46, 68, 100, 120, 220	Fully Synthetic Polyolester (POE) base oil based synthetic Refrigeration oil suitable for HFC or HCFC refrigerants like R-134A , R 404 A, R 507 etc. Can also be used with old technology refrigerants like R-12, R-22.
ADNOC REFRIGERATION OIL NH	68	PAO Based, Fully Synthetic Refrigerant Oil for Ammonia.

* (L) Indicates meeting performance level.

MARINE OILS			
Product	SAE	TBN	Application
TRUNK PISTON ENGINE OILS - FOUR STROKE			
Voyager Marine 310 / 410	30, 40	10	Low Sulfur Distillate fuels
Voyager Marine 312 / 412	30, 40	12	Low Sulfur Distillate fuels
Voyager Marine 315 / 415	30, 40	15	Low Sulfur Distillate fuels
Voyager Marine 320 / 420	30, 40	20	Residual Fuel Oil (RFO) Sulfur up to 2.0%
Voyager Marine 325 / 425	30, 40	25	Residual Fuel Oil (RFO) Sulfur up to 2.5%
Voyager Marine 330 / 430	30, 40	30	Residual Fuel Oil (RFO) Sulfur up to 3.0%
Voyager Marine 340 / 440	30, 40	40	Residual Fuel Oil (RFO) Sulfur up to 3.5%
Voyager Marine 350 / 450	30, 40	50	Residual Fuel Oil (RFO) Sulfur up to 4.0%
Voyager Marine 355 / 455	30, 40	55	Residual Fuel Oil (RFO) Sulfur up to 4.5%

CYLINDER OIL - TWO STROKE : SYSTEM OIL			
Voyager Marine 306	30	6	Crosshead Cylinder Oil for Cooling and Lubricating Two Stroke Engines.

Suitable for use in WARTSILA, MAN (B&W) AND MITSUBISHI TWO STROKE ENGINE USING HIGH SULFUR RESIDUAL FUELS

CYLINDER OIL - TWO STROKE : CYLINDER OILS			
Voyager Marine 525	50	25	Less than 0.5% Sulfur in Fuel
Voyager Marine 540	50	40	Fuel Sulfur 0.5%
Voyager Marine 550	50	50	High and Low Sulfur Fuel
Voyager Marine 570	50	70	High Sulfur Residual Fuel

Suitable for use in TWO STROKE ENGINES OF WARTSILA, MAN (B&W), MITSUBISHI

Product	Viscosity Grade	Standard Specifications / Applications
EMERGENCY HIGH SPEED DIESEL ENGINES / LIFE BOAT ENGINES		
ADNOC VOYAGER Super Plus HD	10W-30, 10W-40, 15W-40	Fully Synthetic. API CK-4/SN Approved; VOLVO VDS-4.5 Approved; MAN M3575 (L); Mercedes Benz MB 228.31 (L); Renault Trucks RLD-4 Approved; MTU Type 2.1 (L); Deutz DCC IV-10 LA (L); Cummins CES 20086 (L); Mack EOS -4.5 Approved; DCC 93K 218; JASO DH-2; Ford M2C 171-F1; Caterpillar ECF-3(L); ACEA E9 (Self Approval).
ADNOC VOYAGER Plus HD	10W-30, 10W-40, 15W-40	Synthetic Base. API CI-4 Plus Approved; 10 TBN; ACEA E7 (Self Approval); MAN M3275 (L); Mercedes Benz MB 228.3 (L); Caterpillar ECF- 2 (L); Volvo VDS-3; Cummins CES 20078; Renault Trucks RDL-2; JASO DH; DD93K214.
ADNOC VOYAGER PLUS	10W-30, 10W-40, 15W-40, 20W-50	Synthetic Base. 10 TBN. API CI-4 / SL Approved; MAN M3275-1 (L); MTU Approved (except series 8000,4000-04, 956TB31/TB32/TB33 &1600); DCC engine series 2000/4000 Approved; Mercedes Benz MB-Approval 228.3 (L); Renault RLD 2 Approved; MACK EO-N Approved; MTU Type 2 Approved; Cummins CES 200078 (L); ACEA E7(Self Approval); CAT ECF 1a(L); Allison C4(L).
ADNOC VOYAGER HPSD PLUS	15W-40, 20W-50, 10W-40,	Synthetic Base. 10 TBN. API CH4 / SJ Approved; API CI-4(L); Mercedes Benz MB-Approval 228.3 (L); Volvo VDS 3 Approved; ACEA E7 (Self Approval); MAN M 3275(L); Mack EO-N(L); Renault RVI RLD(L); Cummins CES 200076.

* (L) Indicates meeting performance level.

Shell	Exxon Mobil	Total/ELF	ADNOC
CYLINDER OIL	CYLINDER OIL	CYLINDER OIL	CYLINDER OIL
ALEXIA S6 / S5 / S4 / LS / S3	MOBILGARD 5100 / 570 / 560VS/ LS40 / 525	TALLUSIA UNIVERSAL 100 / HR 70 / 50 / LS 40 / LS25	ADNOC VOYAGER MARINE 5100 / 570 / 550 / 540 / 525

SYSTEM OIL	SYSTEM OIL	SYSTEM OIL	SYSTEM OIL
MELINA S 30	MOBILGARD 300	ATLANTA MARINE D 3005	ADNOC MARINE SYSTEM OIL 306

TRUNK PISTON ENGINE OIL	TRUNK PISTON ENGINE OIL	TRUNK PISTON ENGINE OIL	TRUNK PISTON ENGINE OIL
ARGINA T30 / T40 / X30 / X40 / XL40	MOBILGARD M 330 / 430 / 340 / 440 / 550	AURELIA TI 3030 / 4030 / 3040 / 4040 / 4055	ADNOC VOYAGER MARINE 330 / 430 / 340 / 440 / 450
GADINIA 30 / 40	MOBIL DELVAC 1630 1640	DISOLA M 3012 / 4012	ADNOC VOYAGER MARINE 312 / 412
SIRIUS X 30 / X40	MOBILGARD 312 / 412	DISOLA M 3015 / No Equivalent	ADNOC VOYAGER MARINE 317 / 417
ARGINA S30 / S40	No Equivalent	No Equivalent	ADNOC VOYAGER MARINE 320 / 420
CAPRINUS XR 40	MOBILGARD 450 NC	DISOLA CF 113 F	ADNOC DIESEL ENGINE OIL RR SUPER P CF

DIESEL ENGINE OIL	DIESEL ENGINE OIL	DIESEL ENGINE OIL	DIESEL ENGINE OIL
RIMULA R3 X 15W40	MOBIL DELVAC MX 15W-40	DISOLA W 15W40	VOYAGER HPSD PLUS 15W-40 CH-4
HYDRAULIC OIL	HYDRAULIC OIL	HYDRAULIC OIL	HYDRAULIC OIL
TELLUS S2 - V Series	MOBIL DTE 10 EXCEL Series	VISGA Series	ADNOC HYDRAULIC OIL HP SERIES

GEAR OIL	GEAR OIL	GEAR OIL	GEAR OIL
OMALA S2 G Series	MOBILGEAR 600 XP Series	EPONA Z Series	ADNOC INDUSTRIAL GEAR OIL EP SERIES

SYNTHETIC GEAR OIL	SYNTHETIC GEAR OIL	SYNTHETIC GEAR OIL	SYNTHETIC GEAR OIL
OMALA S4 GX Series	MOBIL SHC Series	EPONA SA Series	ADNOC SYNGEAR PA SERIES

COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL	COMPRESSOR OIL
CORENA S2 P Series	MOBIL RARUS Series	DACNIS Series	ADNOC COMPRESSOR OIL SERIES

SYNTHETIC COMPRESSOR OIL	SYNTHETIC COMPRESSOR OIL	SYNTHETIC COMPRESSOR OIL	SYNTHETIC COMPRESSOR OIL
CORENA S4 R Series	MOBIL RARUS SHC Series	BARELF SM Series	ADNOC COMPRESSOR OIL PA SERIES

TURBINE OIL	TURBINE OIL	TURBINE OIL	TURBINE OIL
TURBO T Series	MOBIL DTE OIL Series	PRESLIA Series	ADNOC GII TURBINE OIL SERIES

REFRIGERATION OIL	REFRIGERATION OIL	REFRIGERATION OIL	REFRIGERATION OIL
REFRIGERATION OIL S4 FR Series	GARGOYLE ARCTIC OIL Series	LUNARIA FR Seres	ADNOC REFRIGERATION OIL F SERIES
REFRIGERATION OIL S4 FR-V 68	MOBIL ZERICE S Series	BARELF AL Series	ADNOC REFRIGERATION OIL AB SERIES
REFRIGERATION OIL S4 FR-F Series	MOBIL EAL Arctic Series	PLANETELF ACD Series	ADNOC REFRIGERATION OIL PE SERIES
FLUID R134A-220	MOBIL EAL Arctic 220	No Equivalent	ADNOC REFRIGERATION OIL PE 220

HEAT TRANSFER OIL	HEAT TRANSFER OIL	HEAT TRANSFER OIL	HEAT TRANSFER OIL
HEAT TRANSFER OIL S2	MOBILTHERM 605	SERIOLA ETA 32	ADNOC HEAT TRANSFER FLUID GPII

GREASE	GREASE	GREASE	GREASE
GADUS S2 A320 2	MOBILARMA 798	CERAN AD PLUS	ADNOC GREASE LX 2
RHODINA EPI(LF) 2	MOBILARMA 798	CERAN AD PLUS	ADNOC GREASE EP 2
GADUS S2 V220 2 / S3 V220C 2	MOBILGREASE XHP 222	CERAN XM 220	ADNOC GREASE LX EP 2

Important Notice : This cross reference chart is only for ready reference purpose. This chart is not an authorized recommendation of ADNOC Lubricants. For specific recommendation please contact ADNOC Lubricants at adnoclubricants.ae.

* (L) Indicates meeting performance level.

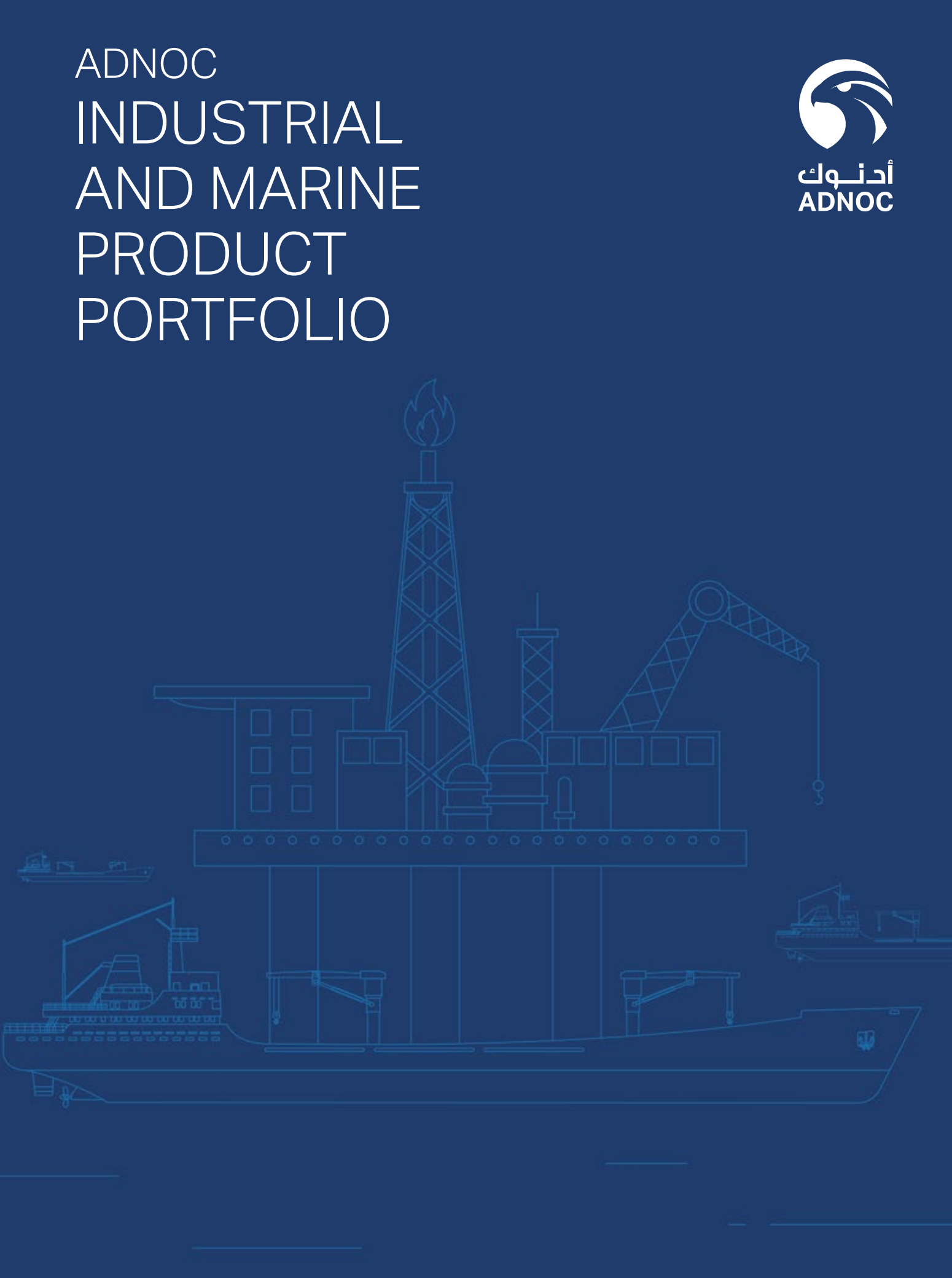


POWERING THE INDUSTRY

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