



**QUALITY  
CONSISTENCY  
RELIABILITY**

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**ADbase**  
BROUGHT TO YOU BY ADNOC

# CONTENTS

About ADbase .....	2
The ADbase process diagram .....	4
Product specifications .....	6
Product consistency	
4cSt .....	8
6cSt .....	10
Product formulation approvals .....	13
Contact us .....	14
Our exclusive sellers .....	15

## ABOUT ADBASE

ADNOC is one of the world's leading energy companies.

Abu Dhabi National Oil Company (ADNOC) operates across the entire hydrocarbon value chain, with interests ranging from exploration and production to storage, refining and distribution.

At ADNOC, we produce around 3 million barrels of oil per day and process more than 900,000 barrels of condensate and crude oil.

Through ADNOC Refining, we produce 100,000 metric tons of Group II base oil and 500,000 metric tons of high quality Group III base oil per year.

This is marketed under the brand name of ADbase.

To assure quality and consistency of the highest standard, ADbase uses high paraffinic crude oil as feedstock to produce a consistently outstanding product, ideal for top tier lubricant manufacturers.

ADbase has a high Viscosity Index (VI) making it an ideal lubricant component, ensuring efficiency and fuel economy for high performance engines, while meeting ever stringent environmental regulations.

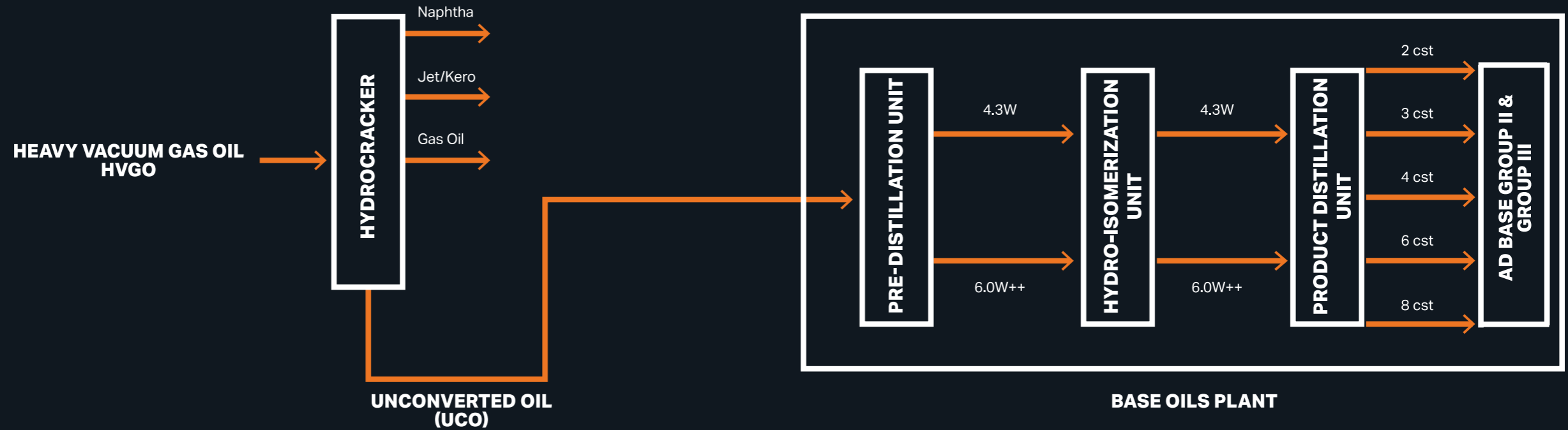
ADbase also has Low Volatility (Noack) and a low Cold Cranking Simulator (CCS) viscosity.

ADNOC has state of the art shipping facilities allowing us to accommodate different cargo sizes and types.

We have a dedicated team available 24 hours a day, 7 days a week to work with our customers and ensure their needs are met.



# THE ADBASE PROCESS DIAGRAM



\* ADNOC manufactures base stocks in accordance with the ATIEL Code of Practice (Base Stock Quality Assurance guidelines) and signed a Letter of Conformance.

\*ADNOC Refining Base Oil unit is certified with ISO 9001: 2015 Quality Management System.

# PRODUCT SPECIFICATIONS

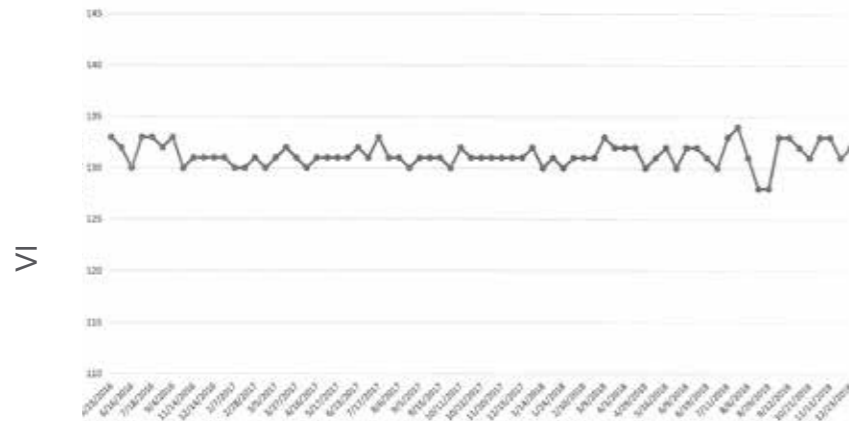
PROPERTIES	Unit	Abase 2CST	Abase 3CST		Abase 4CST	Abase 6CST	Abase 8CST
Kinematic Viscosity @100 deg C	mm <sup>2</sup> /s	2.3	3.05		4.35	6.18	8.05
Kinematic Viscosity @40 deg C	mm <sup>2</sup> /s	7.5	12		20	34	49
Viscosity Index		115	120		130	137	137
Density @15 deg C	g/ml	0.823	0.825		0.832	0.844	0.845
Pour Point	deg C	-27	-24		-18	-15	-12
Flash Point	deg C	170	190		220	235	255
Evaporation Loss noack method	%M/M	-	-		12.5	6.8	3.5
Apparent Viscosity by CCS @-30 deg C	mPas	-	-		1400	3700	8000
Sulfur	mg/kg	<3	<3		<3	<3	<3
Aromatic content	mass%	<0.2	<0.2		<0.2	<0.2	<0.2
Saturates	mass%	99.8	99.8		99.8	99.8	99.8

\*The product specifications listed within the table are all accurate on the date of publishing.

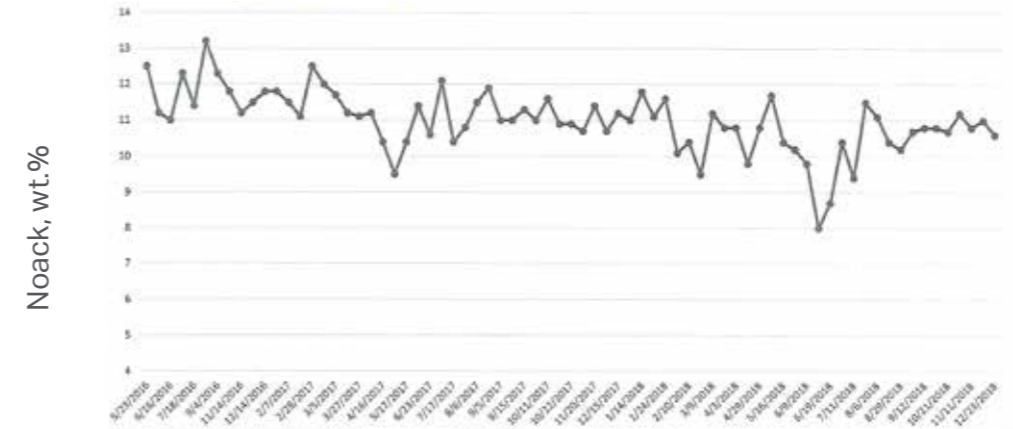
# PRODUCT CONSISTENCY & STABILITY: ADbase 4CST

ADNOC is committed to supplying a consistently high quality Group III base oil.

## VISCOSITY INDEX



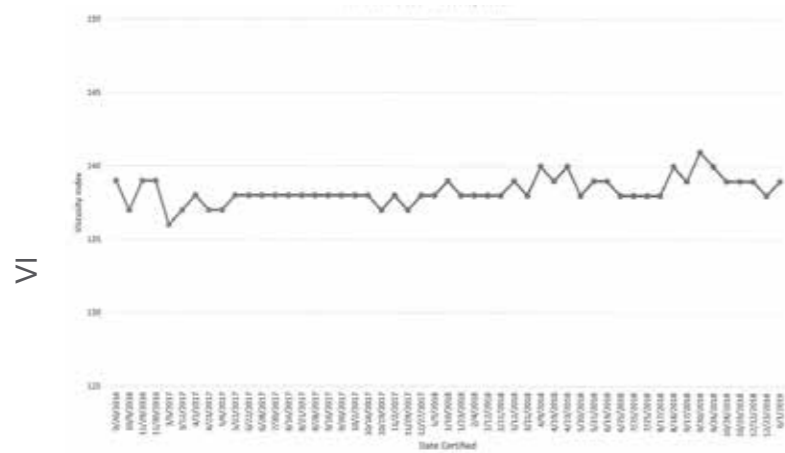
## EVAPORATION LOSS, NOACK, WT.%



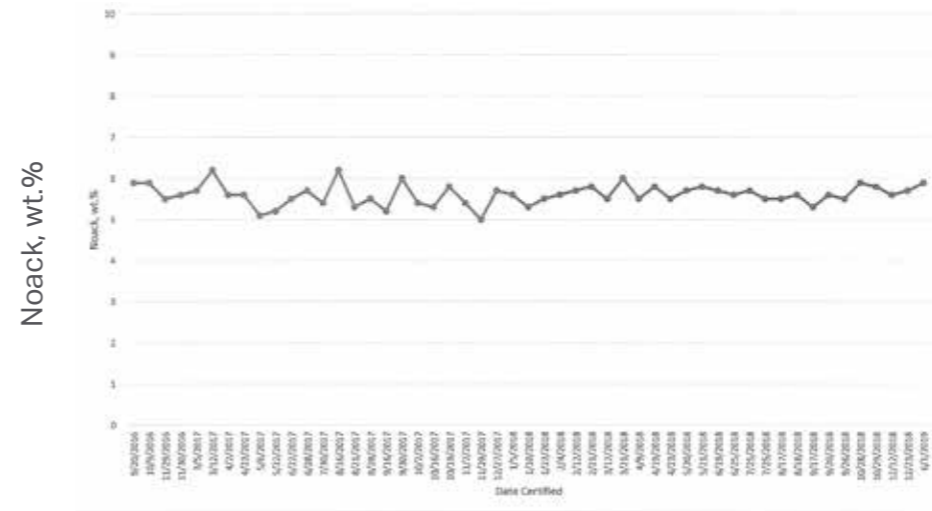
# PRODUCT CONSISTENCY & STABILITY: ADbase 6CST

High Viscosity Index Group III can generate economic advantages for lubricant blenders.

## VISCOSITY INDEX



## EVAPORATION LOSS, NOACK, WT.%



# A RELIABLE GLOBAL SUPPLIER



# PRODUCT FORMULATION APPROVALS

Part A - North American - PCMO	
Viscosity Grade	Service Category
0W-20	API SN/ILSAC GF-5
5W-20	
5W-30	
10W-30	
0W-20	API SN Plus/ILSAC GF-5
5W-20	
5W-30	
10W-30	API SN
0W-20	DEXOS 1 GEN 2
5W-20	
5W-30	
ATF	GM DEXR ON-VI
ATF	FORD MERCON LV

Part B* - Heavy Duty - HDDEO	
Viscosity Grade	Service Category
10W-30	CK-4/ FA-4 Plus OEMs
15W-40	
5W-30	CK-4/ FA-4 Plus OEMs

\* Testing under progress

Part C* - European - PCMO	
Viscosity Grade	Service Category
0W-20	ACEA C5-16
5W-20	
5W-30	ACEA C2-16, ACEA C3-16 Plus OEMs
5W-40	

\* Testing under progress



## CONTACT US



For more information about ADbase:  
Please contact our Sales & Marketing team at  
Email: [bsp@adnoc.ae](mailto:bsp@adnoc.ae)

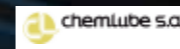
## EXCLUSIVE SELLERS



Exclusive seller of ADbase in the UAE and GCC:  
ADNOC Distribution  
Sheikh Zayed Street  
P. O. Box: 4188, Abu Dhabi, UAE  
Email: [Baseoil.sales@adnocdistribution.ae](mailto:Baseoil.sales@adnocdistribution.ae)  
Tel: +971 2 6771300



Exclusive seller of ADbase in the United States:  
PENTHOL  
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Houston, TX 77056  
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Fax: (832) 553-2787



Exclusive seller of ADbase in Europe:  
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