

Lubrication Technologies, Inc.

Lube Base Oils Reference Center Data

API Group III Lube Base Stocks



Richmond, CA

Base Stock

Nominal Viscosity at 100C, cSt (actual viscosity in parenthesis below the product name/number designation)

UCBO

2	4	6	8	10	12	14	28	40	100	150
	4R	7R								
	(4.1)	(7.0)								

Click on the Chevron logo above which will take you to the Chevron web site for complete specifications for Chevron base oils.



Melaka, Malaysia

Base Stock

Nominal Viscosity at 100C, cSt

ETRO

2	4	6	8	10	12	14	28	40	100	150
	4	6								
	(4.25)	(6.25)								



Onsan, South Korea Represented in US by



Base Stock

Nominal Viscosity at 100C, cSt

Ultra-S

2	4	6	8	10	12	14	28	40	100
2*	3*	4	6	8					
(2.2)	(3.3)	(4.25)	(6.0)	(7.23)					

* Ultra-S 2 and Ultra-S 3 do not meet minimum 120 VI and therefore are Group II base oils.



Fawley, UK

Base Stock

Base Stock	Viscosity, cSt			Nominal Viscosity at 100C, cSt							
	2	4	6	8	10	12	14	28	40	100	150
VISOM		4 (4.6)	6 (6.5)								



Mississauga, Ontario, Canada

Base Stock

	Nominal Viscosity at 100C, cSt										
	2	4	6	8	10	12	14	28	40	100	150
PURITY VHVI	2 (2.6)	4 (4.5)	6 (6.0)	8 (8.3)							

* PURITY VHVI 2 technically is not Group III since their VI is less than 120



Yeosu, South Korea

Base Stock

	Nominal Viscosity at 100C, cSt										
	2	4	6	8	10	12	14	28	40	100	150
Kixx LUBO	2 (2.1)	4 (4.18)	6 (5.89)	8 (7.92)							

* Kixx LUBO 2 technically is not Group III since their VI is less than 120



SK Lubricants, Ulsan, South Korea

Base Stock

	Nominal Viscosity at 100C, cSt										
	2	4	6	8	10	12	14	28	40	100	150
Yubase	L3*, 3* (3.12)	4 (4.23)	6 (6.52)	8 (7.6)							

Yubase Plus (Gr III+) (4.16)

* Yubase L3 & 3 technically are not Group III since their VI is less than 120



Porvoo, Finland

Base Stock

	2	4	6	Nominal Viscosity at 100C, cSt			8	10	12	14	28	40	100	150
NEXBASE	3020*	3030*	3043	3050	3060	3080								
	(2.2)	(3.0)	(4.3)	(5.0)	(5.9)	(7.9)								

* NEXBASE 3020 & 3030 technically are not Group III since their VI is less than 120



NIPPON OIL

Your Choice of Energy

JX/Nippon, Yokohama

Base Stock

	2	4	6	Nominal Viscosity at 100C, cSt			8	10	12	14	28	40	100	150
	2	4	6											
	(2.714)	(4.023)	(6.507)											



Modrica, Bosnia and Herzegovina

Base Stock

	2	3	4	5	Nominal Viscosity at 100C, cSt			6	8	10	12	14	28	40	100
				HC-5				HC-6	HC-8						
				(5)				(6)	(8.1)						



PetroChina (CNPC), China

Base Stock

	2	3	4	5	Nominal Viscosity at 100C, cSt			6	8	10	12	14	28	40	100
			KL 100					KL 150							
			(4.3)					(6.4)		(9.27)					



NESTE OIL

BAPCO-Neste, Bahrain

Base Stock

Base Stock	Nominal Viscosity at 100C, cSt										
	2	4	6	8	10	12	14	28	40	100	150
NEXBASE		3043	3050	3080							
		(4.3)	(5.0)	(7.9)							

Not yet in production, expected startup in mid-2011



Cartagena, Spain

Base Stock

Base Stock	Nominal Viscosity at 100C, cSt										
	2	4	6	8	10	12	14	28	40	100	150



Shell-Qatar Petroleum, Ras Laffan, Qatar (Pearl GTL)

Base Stock

Base Stock	Nominal Viscosity at 100C, cSt											
	2	3	4	5	6	8	10	12	14	28	40	100
			4*			8*						
			(4.0)			(7.5)						

* API Group III+/GTL base oils

Not yet in production, expected startup in 2011