



บริษัท น้ำมันอพลโล (ไทย) จำกัด
APOLLO (THAILAND) CO., LTD.



DAPHNE SUPER MULTI OIL SERIES

High Performance Multi Oil

1. Application

Daphne Super Multi Oil is a multi-purpose and highly efficient lubricating oil for bearing, gears, hydraulic systems and slide ways.

2. General

A high quality paraffinic mineral oil refined by most advanced hydro-treating process and containing various additives to provide the excellent performance.

3. Characteristics

1. High oxidation resistance assures longer oil life.
2. Good for slide ways required anti-stick-slip properties.
3. Prevent hydraulic and lubrication systems from trouble caused by mixing water base cutting fluid or oil type cutting fluid.
4. Excellent preventive properties from rust, corrosion of ferrous metal and discoloration of nonferrous metal.

4. Viscosity Grades

<u>Grade</u>	<u>ISO Grade</u>	<u>Grade</u>	<u>ISO Grade</u>
2	2	46	46
5	5	68	68
10	10	100	100
22	22	150	150
32	32	220	220

- Based on available information, this product is not expected to produce adverse effects on health when used for the intended application and the recommendations provide in the Safety Data Sheet (SDS) are followed.
- SDS is available upon request through your sales contract office, or E-Mail : order@apollothai.com
- Due to continual product research and development, the information contained herein is subject to change without notification.

นิคมอุตสาหกรรมอมตะซิตี้ ชลบุรี 700/623 หมู่ที่ 4 ต.บ้านเก่า อ.พานทอง จ. ชลบุรี 20160 โทร. 0-3845-6900 แฟกซ์ 0-3821-0055

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5. Typical Specification

			<u>2</u>	<u>5</u>	<u>10</u>	<u>22</u>	<u>32</u>	<u>46</u>	<u>68</u>	<u>100</u>	<u>150</u>	<u>220</u>	<u>ASTM</u>
Specific Gravity	15/4	°C	0.79	0.87	0.87	0.86	0.86	0.86	0.87	0.88	0.89	0.89	D1298
Color	ASTM		L0.5	L0.5	L2.5	L2.0	L2.0	L2.0	L2.5	L2.5	L3.0	L3.0	D1500
Flash Point	C.O.C.	°C	84	144	164	188	218	230	234	234	232	245	D92
Viscosity	@ 40°C	cSt	2.0	5.0	10.9	22.5	32.5	46.4	68.7	99.5	152.5	217.2	D445
	@ 100°C	cSt	1.00	1.60	2.78	4.60	5.75	7.12	9.08	11.55	15.23	19.25	D445
Viscosity Index					97	121	119	112	107	103	100	100	D2270
Pour Point		°C	-40	-30	-60	-48	-34	-40	-22	-10	-10	-7	D97
ACID NUMBER		mgKOH/g	0.07	0.07	0.20	0.28	0.09	0.08	0.16	0.14	0.14	0.28	D974
Copper	100°Cx3 Hrs.		1(1a)	1(1a)	1(1b)	1(1b)	1(1b)	1(1b)	1(1b)	1(1b)	1(1b)	1(1a)	D130

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