

CERTIFICATE OF ANALYSIS

ENEOS Corporation
Lubricants Supply Dept.
Procurement Group
MANAGER Kanki Daisuke

Brand : DIAQUEEN SUPER MULTIGEAR OIL 75W85
Lot No : YH6B01

Characteristics	Unit	Results	method
Appearance (Visual)		Good	Visual method
Density 15°C	g/cm3	0.8583	K2249
Aniline point *1	°C	112.3	K2256
Copper Strip Corrosion 3Hr. at 100°C *1		1A	K2513
Foaming SEQ. 1	ml/ml	0/0	K2518
SEQ. 2	ml/ml	20/0	K2518
SEQ. 3	ml/ml	0/0	K2518
Flash Point COC	°C	200	K2265
Oxidation Stability 135°C 96Hr			JIS K2514
Relative Viscosity 40°C *1		1.02	JIS K2514
Relative Viscosity 100°C *1		1.01	JIS K2514
Increase of Acid Number *1	mgKOH/g	-0.42	JIS K2514
Total Bass Number *1	mgKOH/g	1.34	JIS K2514
Initial ph *1		4.4	JIS K2514
Pentane Insolubility A *1	mass %	0.00	JIS K2514
Cu	mass ppm	125	JIS K2514
Fe	mass ppm	4	JIS K2514
P *1	mass %	0.17	JIS K2514
Zn *1	mass %	0.11	JIS K2514
S *1	mass %	0.66	JIS K2514
Pour Point	°C	-45.0	K2269
せん断安定性 10KHz2Hr. 28 μ 粘度低下率 @40°C	%	14.9	JPI-5S-29
粘度低下率@100°C	%	16.3	JPI-5S-29
Acid Number *1	mgKOH/g	2.34	K2501

Characteristics		Unit	Results	method
Base Number (HCL04)	*1	mgKOH/g	2.39	K2501
Kinematic Viscosity 40° C		mm ² /s	53.21	K2283
100° C		mm ² /s	11.49	K2283
Brookfield Viscosity -20° C		mPa·s	1510	JPI-5S-26
VISCOSITY INDEX			217	K2283
Water Content (KF)	*1	mass %	0.02	K2275
Metal Analysis Mg		mass %	0.06	K0116
Zn		mass %	0.12	K0116
P		mass %	0.17	K0116
Nitrogen Content		mass %	0.02	K2609
Sulfur		mass %	0.78	K2541
Brookfield Viscosity -40° C		mPa·s	18800	JPI-5S-26

Only for FUEL OIL and ASPHALT: Multiple base materials are sometimes blended, in which case lot testing may be conducted with samples blended using base materials.

*1: This property is measured at regular intervals, and the most recent measured value is shown here.

Note : IV NO. NOLA2602-1

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