



PRODUCT DATA SHEET

ADNOC Circulating Oil

DESCRIPTION

ADNOC Circulating Oil is a series of high quality lubricating oils formulated from highly refined base oils that provide excellent lubrication. It also contains different inhibitors to control wear, rust, oxidation and foaming, thus providing high protection for fine machinery.

APPLICATIONS

ADNOC Circulating Oil is suitable for circulating oil systems, including lubrication of large journal bearings, and for many industrial hydraulic applications. Also suitable for once through lubrication systems and for bearings, as well as for many industrial gears not requiring heavy duty oils.

BENEFITS

- **High viscosity index ensures excellent viscosity characteristics over a wide temperature range**
- **Good natural resistance to oxidation under the conditions to which it is normally exposed**

PRODUCT DATA SHEET

PRODUCT TYPICAL CHARACTERISTICS

Properties	Units	ISO VG									Test Methods
		22	32	46	68	100	150	220	320	460	
Density @15°C	kg/L	0.860	0.868	0.874	0.875	0.887	0.892	0.895	0.897	0.899	ASTM D1298
Kinematic Viscosity @40°C	mm ² /s	21.00	31.00	44.00	66.00	98.00	150.0	220.0	320.0	460.0	ASTM D445
Kinematic Viscosity @100°C	mm ² /s	4.200	5.300	6.600	8.500	10.90	14.50	18.70	24.00	30.40	ASTM D445
Viscosity Index	-	100	100	99	97	95	95	95	95	95	ASTM D2270
Pour Point	°C	-18	-18	-18	-18	-18	-18	-12	-9	-9	ASTM D97
Flash Point, COC	°C	222	225	226	234	240	245	254	272	286	ASTM D92
TAN	mg KOH/g	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	ASTM D974

Minor variations in product typical test data are to be expected in normal manufacturing.

Always follow the Original Equipment Manufacturer's recommendation (OEM) for the equipment operating conditions, product specification, drain interval and customer's maintenance practices.

Rev: 10-Nov-2022