

## PRODUCT INFORMATION

**PRODUCT NAME** VASOIL MULTIDIESEL

**DESCRIPTION** **MULTIDIESEL** introduces improved oils for use in the new generation of Diesel , Marine Diesel and Gasoline engines operating under very severe duty, or subject to deposit formation or excessive wear due to design characteristics. They are formulated from high quality base stock of high viscosity index and low pour point, treated with a carefully selected and balance percentage of the latest additives to impact superior detergency together with high dispersant antioxidant, antiwear and antifoam properties.  
The **MULTIDIESEL** is marketed in Viscosity grades - SAE 15W/40,SAE 20W/50 & SAE 15W/50.

## PRODUCT USE

**MULTIDIESEL**, is specially formulated for modern normally aspirated and supercharged turbo **Diesel, Marine Diesel and Gasoline engines** operating under very severe duty. These Multigrade oil is able to give efficient lubrication when starting-up the engine, reducing friction, resist to sludge formation as well as enabling reduction of fuel consumption and air pollution.

## SPECIFICATIONS

**MULTIDIESEL** meets the requirements of the following specifications

ACEA E7 / A3 / B4 -12	ACEA E7 / A3 / B4 - 16	CUMMINS CES 20077 / 78
API CI-4 / CH-4 /CG-4 / SL	VOLVO VDS 2 / 3	CAT ECF-1a / ECF-2
MB p228.3 / 229.1	MTU TYPE 2	RENAULT RLD – 2 / RO-2
MAN 3275	MACK EOM + / EON+	DEUTZ DCQ-III 10
DDC 93K215	JASO DH-1	GLOBAL DHD-1

## CHARACTERISTICS ( TYPICAL PROPERTIES )

VASOIL BRAND	SAE Viscosity Grade	Mass Density @ 15 C Kg / lt	Flash point ASTM C	Pour point D93 C	Kinematic Viscosity		Viscosity Index	TBN mgKOH/ g
					40 C	100 C		
MULTIDIESEL	15W/40	0,880	220	-30	115	15	135	11
	20W/50	0.895	235	-25	179	19	127	11
	15W/50	0,890	235	-30	140	18.5	148	11