

Series 3

Description

High performance monograde diesel engine oils engineered for performance in intercooled, turbo-charged engines operating under severe on and off-highway conditions, used in a wide range of applications where a monograde lubricant is recommended.

Application

ROVEL SERIES 3 lubricants is suitable for use in naturally aspirated and turbo-charged diesel powered equipment, on-highway light and heavy-duty trucking, off-highway industries including: construction, mining, quarrying, and agriculture.

Operation Characteristics

Prolonged engine life
Less wear
Excellent protection against ring sticking
Extended TBN reserve
Long term deposit/wear control.
Acid formation control when using high sulfur fuels.

Specifications, Approvals, Recommendations

API SJ/CF-4, ACEA E2, MB 227.0, MIL-L-2104 B, MIL-L-46152, ALLISON C-4

Typical Physical Characteristics

	ASTM	SAE 10W	SAE 30	SAE 40	SAE 50
SPECIFIC GRAVITY (kg/lt)	D 1298	0,870	0,880	0,885	0,892
VISCOSITY AT 40°C (cSt)	D 445	46,0	114,0	153,0	205,0
VISCOSITY AT 100°C (cSt)	D 445	6,5	12,0	14,2	18
VISCOSITY INDEX	D 2270	108	99	98	97
FLASH POINT (°C) min.	D 92	216	240	250	260
TBN mg KOH/gr	D 2896	8,8	8,8	8,8	8,8
POUR POINT (°C)	D 97	-33	-27	-18	-12

These are typical values. Small variation should be expected for future productions / blendings

Health, Safety and Environmental Protection

It is unlikely to cause any significant problem to the health or safety of the user when used properly, according to the typical handling of lubricating and usual personal hygiene practices. The used lubricants must be recycled in accordance with applicable legislation and placed in approved collection points. Do not discharge into drains, soil or water / sea. Always follow the instructions of the safety data sheet.