

Multipurpose Heavy Duty Diesel Applications Oil

CADEK
SAE 10W/30/50



API: CF/CF2

Product Description

CADEK series represents the highest level of multipurpose transmission oils manufactured using highly refined base oils, detergents, dispersants, oxidation and corrosion inhibitors, antiwear and extreme pressure agents and foam suppressant.

Benefits

CADEK provides the following benefits when used as recommended:

- Special additives protect metal surfaces against scuffing and wear even under severe operating conditions of high temperature and high load
- Excellent frictional control prevents clutch slippage and assure quiet and sufficient action of transmission and brakes while reducing wear
- Superior resistance to oxidation resulting in reduced varnish and sludge formation
- Protects against rust and corrosion of highly finished precision parts when operating in humid conditions and during seasonal shut down periods

Application

CADEK series are recommended for use in public works, off-highway, quarrying, earth moving, mining, logging, road transport and agricultural equipments .And also recommended for use in transmissions and hydraulic systems of caterpillar, Allison, Komatsu, ZF, Eaton Fuller, Dana, Tremec and Vikers.

Typical applications include: Power shift transmissions, final drives, marine transmissions, mobile equipments, Hydraulic and Hydrostatic system, Heavy duty manual transmissions, automatic transmissions, gear boxes, wet brakes, torque converters, etc., based on OEM recommendations of specification and SAE viscosity grade.

Properties

It is a high performance lubricant designed for use in transmissions, final drives, hydraulic systems requiring a fluid meeting Caterpillar TO-4 or Allison C4 requirements. This is designed for both newly developed and older model drive train components.

Typical Characteristics

CADEK	10W	SAE30	SAE50
API Grade	CF/CF2	CF/CF2	CF/CF2
Specific Gravity @ 15°C	0.8785	0.8800	0.8980
Flash Point, °C	215	225	232
Pour Point, °C	-27	-18	-9
Viscosity at 40°C , cSt	31.5	101	205
Viscosity at 100°C , cSt	5.5	11.50	18.00
Viscosity Index	98	95	95
Total Base No., Min.	11.0	11.0	11.0
CCS Viscosity cP @-25°C	6500	-	-

Credentials & Specifications
CAT TO-4
Allison C4
Komatsu KES 07.868.1
ZF TE – ML – 03
API: CF/CF2

Typical physical characteristics of CADEK are given in the table. These are intended as a guide to the industry and are not necessarily manufacturing or marketing specifications.

Health and Safety

Detailed health and safety information for this product is provided in a Material Safety Data Sheet which is available upon request from your Emarat lubricants sales office, or via the Internet on www.emarat.ae